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U.S. Department of Agriculture

Ask the man who sows them



Partial view of one of our Greenhouses. Testing seed for germination at —
Glen Maple Gardens and Trial Grounds.

SEEDS

DOMINION SEEDS

FORMERLY

LIMITED

DARCH AND HUNTER SEED CO.

LONDON

CANADA

1918



JUBILEE PHLOX

Wm. C. C. Co.

VALUABLE PREMIUMS

"ABSOLUTELY FREE"

On all kinds of goods listed in this Catalogue at prices attached excepting COLLECTIONS OR SPECIAL OFFERS, on which we positively cannot allow any reduction or premiums.

We make no restrictions as to kinds or quantities of goods ordered, but please bear in mind **ONLY ONE PREMIUM CAN BE SELECTED.**
NOTE—Select your Premiums. It's your privilege. We Can't. Your choice of the following on the above Conditions.

Barrettes and Pins

With Every Order For One Dollar Or More, we will send your choice of two of any one or one each of any two designs.

We were fortunate in securing a large consignment of these beautiful goods at a price which allows us to offer them to our thousands of Lady Customers, as premiums. They are all made of Imitation Tortoiseshell of beautiful designs and are exceptional value at the price attached.

No. 1 Oval Shaped, 4 inches long with brass pin.

No. 2 Oval Shaped, 3¾ inches long with brass pin.

No. 3 Oval Shaped, 1¾ inches long with brass pin.

If you do not select as a premium the price is 15c each postpaid.

PETTY'S PERFECT POULTRY PUNCH

WITH A ONE DOLLAR ORDER OR MORE we will send one All-Steel Nickle-Plated Punch. Punches clean. Hole is right size. Will not bruise the foot. Chicks may be marked as soon as hatched. Mark them all and know their age. It's just what you want. A card will be sent with each punch showing the number of markings which can be made. If you do not select as a premium and wish to purchase, the price is 25c postp'd

"The Farmers Record and Account Book"

It Means Better Farm Profits for You

With Every Two-Dollar Order or More We Will Send The Farmers' Record and Account Book

No man can run a business successfully with his eyes shut. Farming is as much a business as retailing or manufacturing. If you are not keeping some sort of a record of your farming operations you are working blindly. You may be keeping cows that are eating their heads off. Your grain crop may stand you an actual loss when the cost of production is figured out. You may be working night and day and getting nowhere. We have a book for you that will put you straight and tell you at any time how you stand. It is a complete system of farm bookkeeping—endorsed by experts. It tells you everything you need to know to conduct your farming as a good business man would. Yet it is so simple that its maintenance requires absolutely no bookkeeping knowledge. An entry or two a day does it.

Because better farming means greater prosperity for the community—for both you and us, we are distributing this book as a premium to anyone who will send us an order to the value of two dollars or more. Your copy is waiting for you.

If you do not select it as a premium the price is 35c postpaid.

The Household Economist

With every two dollar order or more we will send one copy of the "Household Economist."

Any woman will welcome the suggestion that she keep a Household budget, thereby enabling herself to know just where she stands in the running of her home. The "Household Economist" will enable her to keep her household accounts in a business-like manner.

The main object of the Household Economist is to make it easier to keep track of the household expenses, necessities and luxuries. It contains 48 pages bound in a heavy imitation alligator cover. The first page explains carefully how to use the book. Then comes 24 pages for daily expense account, followed by 5 pages devoted to the following subjects, Insurance Policies, Notes, etc., special dates to be remembered, special information for the kitchen, eight pages of special recipes, 7 pages of useful information, 2 pages Residence inventory, names and addresses, index and yearly calendar.

If you do not select it as a premium the price is 35c postpaid.

"LITTLE BEAUTY" FLOUR SIFTER

With Every Two-Dollar Order or More we will send one "LITTLE BEAUTY" Flour Sifter.

This Flour Sifter is useful. Here is a specialty which will find its place in every home and be appreciated because it can be put in practical everyday use by the housewife. The housewife uses a measure every day, usually an ordinary can or teacup. With one of the sifters, she has a measure in such a form as she will need it, that is for measuring flour. She will use the sifter many times every day and every time brings to her attention the fact that you were mighty decent indeed to send one of them to her. This flour sifter is well made. Upon examining this you will note that there are no parts to become loose. They are all firmly put together. It is sanitary, because of its construction it can easily be kept clean. There are no cracks or places in which dirt could accumulate. If you do not select as a premium this price is 35c postpaid

Lang's Hand Weeder

With Every Three Dollar Order or More we will send one Lang's Hand Weeder. This is a good weeder and scraper. For fuller description and its uses see page 78. If you do not select as a premium the price is 30c postpaid.

THE CROCODILE WRENCH

With Every Five-Dollar Order or More—One Crocodile Wrench—Five Handy Tools in One—It is forged from the finest tool steel and scientifically tempered. Every wrench guaranteed against breakage. It is 8½ inches long and weighs ten ounces.

A pipe wrench, a nut wrench and three dies for cleaning up and re-threading rusted and battered threads on blank bolts. Dies will fit all bolts used on standard farm machinery. Teeth and dies are case-hardened in bone-black, making them hard and keen.

The dies on this wrench alone would cost \$1.50, and would be worth more than that to every farmer, as they would often save valuable time, besides an extra trip to town for repairs. Requires no adjustment; never slips, is simple and always ready for use.

Will work in closer quarters than any other wrench. Handy tool to carry on a binder, reaper, mower, etc.

Handy for removing all removable calks. Light, strong, compact and easily carried in the hip pocket. A convenient household wrench. If you do not select as a Premium and wish to purchase the price is 75c postpaid.

NOTE—While we have secured a good supply of these, still if we should run short we cannot secure any more, so if you select this as your premium kindly state your second choice.

SEEDS AS A PREMIUM

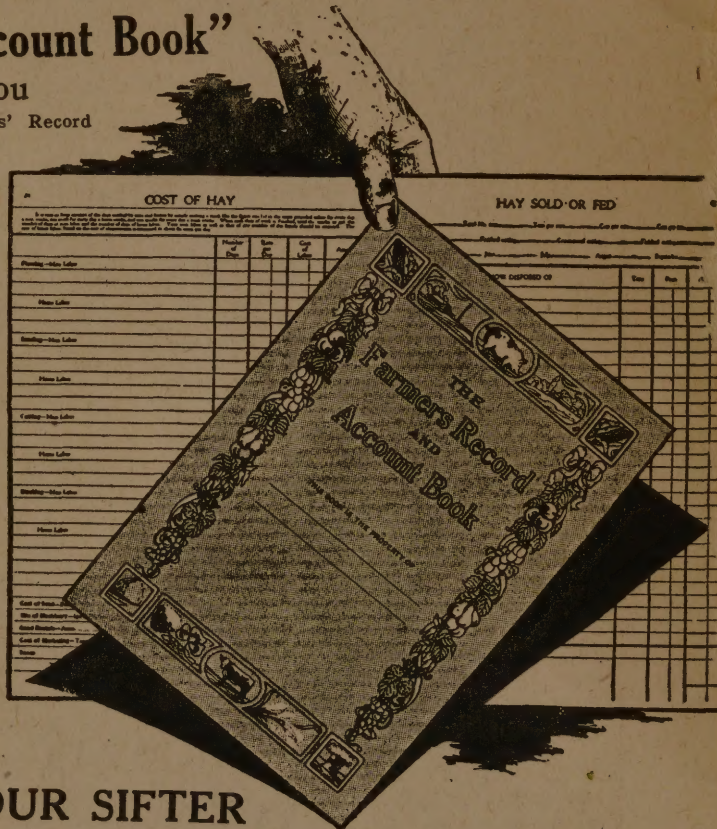
If any of the above Premiums (which are all splendid value) do not appeal to you and providing you are ordering Seeds only by the pkt. and oz., at this Catalogue prices you may select additional seeds in pkts., instead, to the value of 25c for each dollar remitted. Your choice must be either **ONE PREMIUM** Seeds in Pkts to the Value of 25c ON THE DOLLAR according to goods ordered but not both. Please bear this in mind.

True Hybridized Potato Seed

FROM THE SEED BALL

WITH EVERY DOLLAR ORDER OR MORE we will send one Pkt. of True Hybridized Potato Seed from the Ball. Growing new, distinct sorts of potatoes from the Seed Ball. Seed is most interesting and fascinating. The chance of producing new varieties of enormous value is well worth striving for. We offer a superb collection of seed from innumerable hybridizations between the best new and old sorts in cultivation.

Encourage your boy to try. Nothing would interest or benefit him more. Seedling Potatoes are very easily grown, and his chance is as good as any to win a prize. If you do not select as a premium the price is 25c per pkt.



SEEDS BY MAIL

OUR PREMIUMS ARE LIBERAL—On 2nd Page of Cover we are offering your choice of Valuable Premiums, all being absolutely free and well worth the prices attached to each. You can get any one of them,—**TAKE YOUR CHOICE.**

DATES FOR SHIPPING

Unless otherwise ordered. Earlier if season will Permit.
ONIONS, about March 25th.
SHRUBS and FRUITS, about April 12th.
PLANTS, BULBS, ETC., about April 20th.
POTATOES, ETC., about April 25th.
Or as soon as danger from freezing is past.

We send free by mail all seeds priced by the PACKET, OUNCE or QUARTER POUND and POUND, except where noted. The prices for Garden Peas, Sweet Corn and Beans are quoted with postage added.

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9
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8

Henderson's Bountiful Bean

A FLAT GREEN-PODDED BUSH BEAN

A Prolific and Continuous Bearer. The First in Spring, the Last in Fall. Absolutely Stringless. Very Tender.

This superior variety is a distinct improvement in green Bush Beans. The plant is remarkably handsome and of thrifty growth, being practically rust and mildew proof. It is very hardy, extremely early, very prolific and bears continuously for several weeks; it is the first to give pods fit to pick in the spring, and the last to yield edible pods in the fall. But the crowning merit of this grand Bush Bean is in the rich green pods, which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality, meltingly tender and having a delicious flavor exclusively their own. Moreover, the pods are absolutely stringless and entirely free from any tough, membranous lining, not only when young, but this tender "snap brittle" quality is retained even into maturity. We advise leaving a few of the older pods to be used as green shell Beans, in which condition they are most palatable. It is equally valuable as a dry shelled Bean. Pkt. 10c, $\frac{1}{2}$ lb. 25c, $\frac{1}{4}$ lb. 45c, lb. 85c.

CHINESE CABBAGE

Also Known as "Celery Cabbage," "Odorless Cabbage," "Chinese Lettuce," etc.

An annual introduced into the country from Shantung, China. A new vegetable for Canada. It is a species of cabbage, with a fine, delicate flavor so that it might be called odorless, also resembles a stalk of celery more than a cabbage head. It is as tender as head lettuce and once introduced becomes a great favorite and is in great demand for numerous dishes such as salad, cold slaw, and having a mild and pleasant delicate flavor, it can be eaten raw, or it may be cooked, but being very tender it must be cooked quickly. It can be grown to fair size on any good garden soil that will grow good cabbage. If the weather should be very warm at the time of heading, tie up like Endive. Keep well watered.

For fall or early winter crop, the proper time to sow the seed in drills outside is early August, depending on weather and other conditions. It is a very rapid grower. If sown outside make rows not less than 20 inches apart and the plants finally thinned to 12 or 15 inches apart. Cultivate the same as cabbage. For Winter use it is taken up before hard frost or freezing and cared for the same as cabbage in winter. If permitted to freeze it will rot very quickly. The mode of storing is to cover with straw and a sufficient quantity of earth to keep out the frost. (See illustration.) Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 60c.



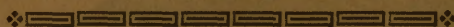


Golden Cluster Wax Pole Bean

Golden Cluster Wax Pole Bean

Golden Yellow Pods. Brittle and Stringless Pods, 8 to 9 inches Long. Beans White. Splendid For Home Garden. Bears from middle of June until Frost

The best and most productive of the wax-podded pole beans. It should be largely cultivated, and of excellent quality if used either as snap or green and dried shelled beans. The vines are of large growth and produce in abundance clusters of 3 to 6 yellow pods, averaging about 8 to 9 inches in length. They are very attractive and make a fine variety for exhibition purposes. The pods are flat, straight, very broad, thick and fleshy, entirely stringless, and have a very smooth surface. The dry seed is medium sized, oval and pure white. A splendid variety for the home garden and for market. Pkt. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 85c, postpaid.



New Sweet CORN

“Cream and Honey”

Extremely Early. Very Prolific.
Deliciously Sweet. Beautiful
Golden Yellow Color.

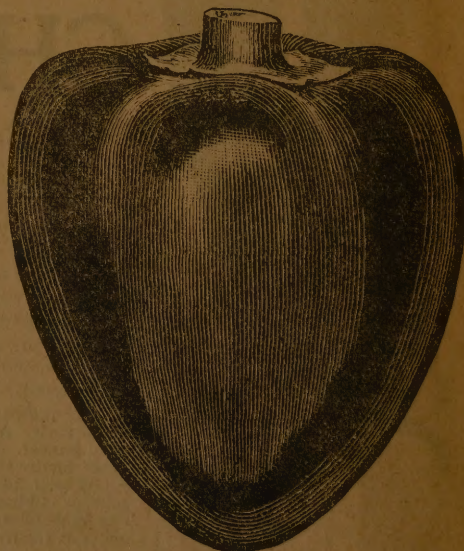
The name of this new luxury among table delicacies immediately carries the mind back to the “Promised Land,” flowing with “Milk and Honey.” Our efforts to bring you a rare treat have never been so abundantly rewarded as they are in our successful production of this surpassingly delicious flavored Sweet Corn. Its good qualities are so apparent that we cannot do justice to them—if you appreciate and enjoy the best things the garden grows, then start a patch of “Cream and Honey” Sweet Corn. This corn is a wonderful combination of the “Golden Bantam” and the well-known “Country Gentleman” Sweet Corn. Could you possibly think of anything more delicious to eat than the good qualities of these two Corns combined into one. The kernels are long and pointed and are borne on a very slender cob in zig-zag rows. The kernels are light yellow, but cook to a bright golden yellow. Stalks grow five feet high, with four ears. Ears 5 to 6 inches long. Delicious, sweet and tender. Early as the “Golden Bantam.” Pkt. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 85c.



Cream and Honey

Perfection Pepper

This pepper, as the cuts show is of a pimento type, and has been brought up to a degree which we have not found in any other strain or variety that we have ever seen or grown. We have tested about all the varieties now in cultivation. Results have shown that there is not a single variety that we have tested that is in any respect equal to the “Perfection.” It is one of the best for the Home garden, both green or ripe. It is so smooth and uniform in shape that the skins can be easily slipped off after burning over a hot fire a few seconds or by boiling a few minutes in hot water. It can also be pared like an apple by using a sharp knife. The green peppers can be pared best in this way. The hull or meat is from two to three times as thick as that of the “Bell” types and yields about a half more edible product to the same measurement. The quality is very sweet and delicious and entirely free from pungency. In color, when ripe, it is a beautiful scarlet red. It is very productive, yielding heavy crops until cut off by frosts. In consequence of the many superior and valuable qualities of this pepper it will be much sought and grown for sweet pickles. Pkt. 15c, ¼ oz. 85c, ½ oz. \$1.50, oz. \$2.50.



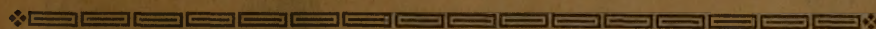


CUCUMBER—EARLY FORTUNE

In color, Early Fortune is a rich, attractive, deep green. This inviting color it retains during a much longer period of growth than any other variety, it is so regular in form, one so much like the other, growers marvel at the purity and trueness of our stock—in fact these Cucumbers are so perfect it is almost impossible to say which is best.

The quality is superb, flavor delicate, refreshing and delightful, entirely free from any bitterness, being fine grained, the flesh compact, it is exceedingly crisp and brittle, making it an ideal slicing Cucumber.

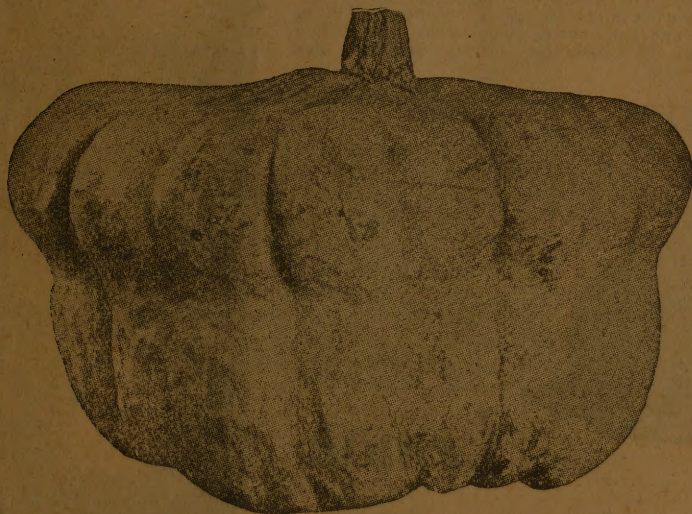
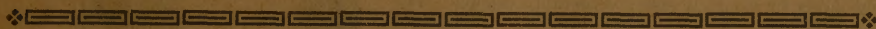
As a shipping Cucumber "Early Fortune" cannot be surpassed, as it holds up in color and quality longer and better than any other variety. Pkt. 10, oz. 50c, 2 ozs. 85c, $\frac{1}{4}$ lb. \$1.50.



BLACK PRINCE BEET

Dark Blood Red. Superior Flavor. Tender and Crisp.
Cooks Sweet. Enormous Cropper.

Without question the finest long Beet grown for Fall and Winter use. It is of a deep red color, almost black; rich, excellent flavor; is an enormous cropper, and keeps solid and fresh throughout the long Winter. Cooks sweet, tender, and crisp; is very desirable for pickles. It must not be compared with the common Long Smooth Blood offered by many seedsmen at a less price, as its high grade was attained by long years of care and selection. The roots are thick shouldered, grow largely under ground, are, when mature, about 2 inches in diameter and 10 inches long. They are ready for the table in about 60 days. They are very prolific. Foliage dark crimson. Pkt. 10c, oz. 35c, 2 ozs. 60c.



SQUASH Improved Bay State

The original Bay State Squash was given to the public by Mr. Aaron Low, Massachusetts, some time between 1880 and 1888. At that time in size it was a little smaller than the old Essex Hybrid and was rather a shy cropper, but in the years intervening it has been gradually improved in size, quality and productiveness. Mr. Purrington, a commission merchant, a short time ago informed us that one of his customers raised 15 tons per acre the past season. The color is bluish green; turban-shape. It has a thick shell and is very thick meaty, dry, fine grained and quite sweet, a splendid squash for late fall use. The cut was made from a photograph of a squash grown on our own trial grounds. Pkt. 10c, oz. 35c, 2 ozs. 60c, $\frac{1}{4}$ lb. \$1.00.



Weber's Dwarf Wax Bean



Those who consider Wardwell's Kidney Wax "the only market gardener's bean" should try this new sort alongside. Comparative trials with us have proven that our new Wax Bean, "Weber's Wax," is not only more prolific—bearing almost two pods to Wardswell's one—but the beans are also longer, handsome, entirely stringless and of superior quality. Plants are of robust, erect growth, bearing the loads of beautiful pods well above the ground. They are healthy, blight-resisting and continue to bear a long time. The pods are flattish-oval, thick and fleshy. They average six to seven inches in length, are borne in large clusters and make the finest show on the market on account of their rich yellow-lemon color and straight handsome shape. In quality this bean is unsurpassed. Brittle and stringless at all stages of development; meaty and of fine flavor. Matures with Wardwell's, but will outyield this old standby every time. Pkt. 10c, $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 60c, lb. \$1.00.

"Improved" Bush Lima Beans

The pods are truly enormous in size, borne abundantly and well filled with handsome beans, which are both larger and thicker than those of the Burpee's Bush Lima, and fully eight days' earlier. It differs from the best strains of Burpee's Bush Lima in having uniformly much larger pods, producing more beans, while both pods and beans are not only larger in size, but also considerably thicker. The growth is even more vigorous, with heavier foliage. The plants are uniformly upright. Full-grown bushes measure 30 inches in height and 24 inches across the top. The blossom-bearing stalks are thrown well out from the foliage, and the pods are borne frequently in what might be called "clusters" of from five to eight. The pods measure five to six inches long by one and one-quarter inches wide. Even when of full size, the enormous beans are of most luscious flavor; they are thin-skinned and truly delicious. Per pkt. 10c, $\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 45c, lb. 85c.

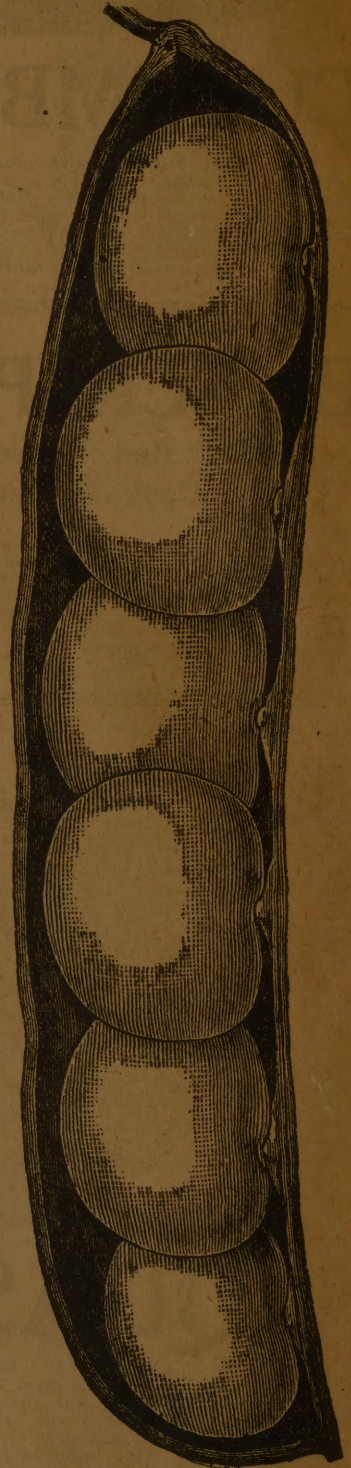


Lemon Cucumber

A NEW AND ENTIRELY DISTINCT TYPE. TENDER, SWEET, CRISP.

Many of the seedsmen of Europe who have tested its good qualities are offering it. If you are fond of cucumbers and want one that will almost melt in the mouth try our new lemon.

Our illustration is a good representation of the fruits. They are nearly round with the yellow and green markings and smooth skin of the lemon, while the flesh is exceedingly tender and crisp, with a sweet flavor surpassing all other cucumbers. For slicing they excel; for pickling, ripe or green, one of the best and most attractive on account of their quaint form. They can also be used for Mangoes, the same as small melons. They may be served green or just as they are turning yellow. Size from two and a half to three inches in diameter; just right for one portion. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c.



"Improved" Bush Lima.

EGG PLANT BLACK BEAUTY

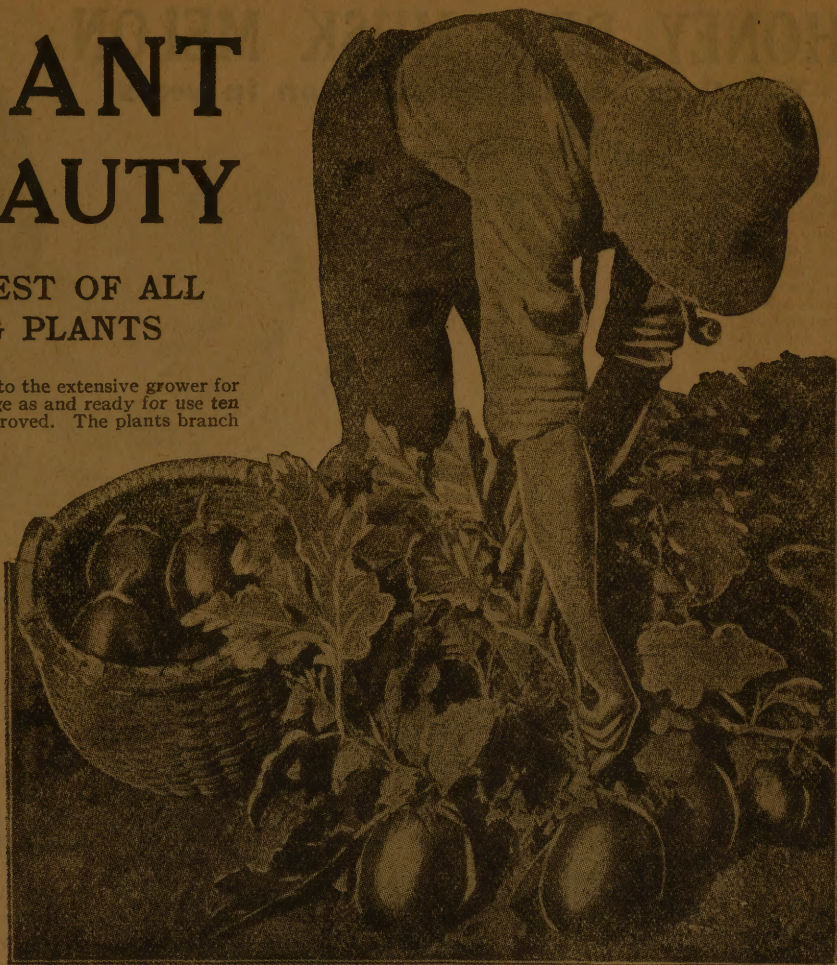
THE EARLIEST AND BEST OF ALL
LARGE-FRUITED EGG PLANTS

It is valuable alike to the private planter and to the extensive grower for market. **Black Beauty** produces fruits fully as large as and ready for use ten days to two weeks earlier than the New York Improved. The plants branch freely near the ground, and grow in well-rounded bushes. The grand, large fruits are thick, of most attractive form. The skin is a rich, lustrous purplish black—the satin gloss and rich coloring add greatly to the beauty of these “eggs.” The intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color at the blossom end. The calyx (which attaches the fruit to the stem) is bright green, contrasting finely with the dark satin skin of the fruit, and is entirely free from spines or thorns.

The fruits set most freely and develop remarkably quickly, so that the entire crop can be gathered before there is any danger of frost. We recommend gardeners generally to make their main planting of **Black Beauty**. Pkt. 15c, $\frac{1}{4}$ oz. 85c, $\frac{1}{2}$ oz. \$1.50, oz. \$2.50.

THE GARDEN FRAME

How to make the most of it. To grow early plants you need a hot bed. It may be said, with truth, that a garden can scarcely be a success without the aid of a frame. Its a most useful and instructive little book. Size 5x7 inches, and contains 78 pages, profusely illustrated by sketches and photographs. Price, 50c, postpaid.



“Black Beauty” Egg Plant.

CARROTS “Golden Rod”

Handsome Meltingly Tender and Sweet. The Finest Early Table Variety Grown

This Carrot, introduced by us, will prove one of the most universally popular varieties ever sent out. People who never liked carrots before are delighted with the melting tenderness and sweet mild flavor.

It is a half-long cylindrical Carrot, blunt pointed with a small tap-root and small top. They run very uniform in shape and size, 6 to 7 inches long by $1\frac{1}{2}$ inches through; clean skinned, smooth, easily pulled and keep well. The flesh is of fine texture entirely devoid of stringiness, coarseness, fine woody heart or core. The color of the flesh is the rich red-orange so attractive when served. “Golden Rod” excels all other half-long Carrots in earliness without being inferior to them in productiveness. (See cut.) Pkt. 10c, oz. 40c, 2 ozs. 75c, $\frac{1}{4}$ lb. \$1.35.



SQUASH BUSH FORDHOOK

BUSH FORDHOOK—Being of “bush growth,” the plants can be grown close together. The fruits are rather shorter and thicker than those of the running type; they are also thicker fleshed and have a smaller seed cavity. Fruits oblong in form, 8 to 10 inches in length, slightly ridged; smooth, thin, yellowish skin; flesh very thick and of a light straw-yellow. If gathered young for cooking, no other Squash approaches it in flavor, while if allowed to ripen on the vine they can be stored and will keep in excellent condition until late the following June. Either for baking like sweet potatoes or making pies during the winter the quality is unsurpassed. Per pkt. 10c, oz. 40c, 2 ozs. 75c, $\frac{1}{4}$ lb. \$1.25.

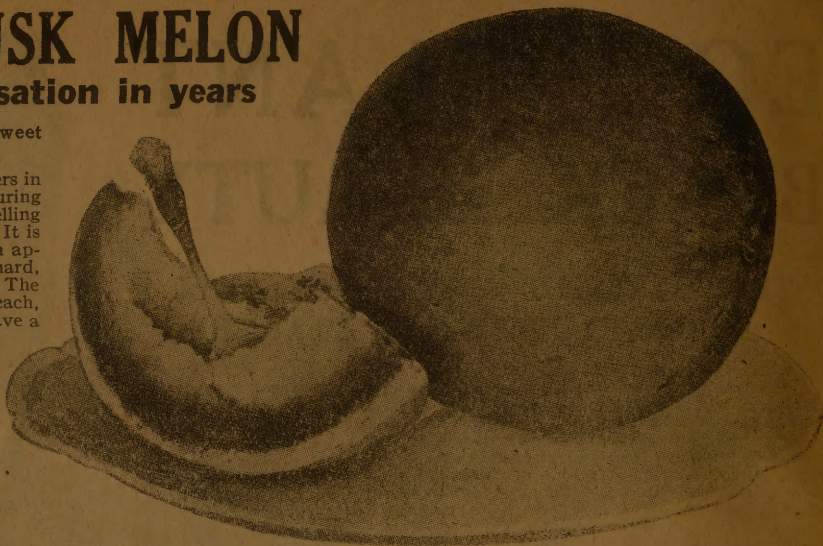


HONEY DEW MUSK MELON

The Greatest melon sensation in years

Flesh Two or Three Inches Thick, Highly Flavored, Sweet as Honey, Edible to the Rind

This new melon has caused a sensation among dealers in fancy fruits and vegetables, and the demand for it during the past season has been exceedingly heavy, melons selling readily at a price of fifty to seventy-five cents each. It is unlike the ordinary muskmelon or cantaloupe both in appearance and flavor, the outer skin being smooth and hard, nearly white, turning to a lemon tint when fully ripe. The melons are large, weighing from eight to ten pounds each, round to oval in shape, extremely thick meated and have a very small seed cavity; flesh is light green, very solid and of a rich honey-like flavor, luscious and juicy, much more so than any variety of muskmelon. The vines grow coarse and heavy, withstanding weather conditions better than the ordinary muskmelon and are very productive. It is also an excellent keeping melon, and fruits may be laid away for use late in the fall when they will be greatly appreciated not only for their delightful flavor, but because the other varieties of melons are gone. When better known by the public it will be very difficult for dealers to obtain a supply large enough to satisfy their trade. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 60c, 2 ozs. \$1.00.



Cabbage

Danish "Round Red"

This grand novelty is the third distinct variety of cabbage that we have introduced from Denmark. It produces round or ball-shaped heads of great solidity and intensely deep rich coloring. The plant is of strong, compact growth. The heads are perfectly round from 6 to 8 inches in diameter. The leaves composing the head are of an unusually deep purplish red; this rich coloring extends to the centre of the head, showing only a small portion of white when cutting across the veins and tissue. The extra dark coloring, remarkable hardness and large size of heads make it an excellent market type, as well as most desirable for the housewife in slicing for slaw, salads, etc. Pkt. 10c, $\frac{1}{2}$ oz. 60c, oz. \$1.10.

PEAS MATCHLESS WONDER

A New Extra Wrinkled Pea, as Early as the Alaska, as Sweet as the Old Favorite Champion of England.

Hitherto all the extremely early Peas have been smooth, round, seeded sorts; like the Alaska, First and Best, etc.; palatable enough when the pods are picked in a half matured state, but hardening quickly on the vine, and not at all satisfactory to those who plant for their own use. Many years ago Henry Ward Beecher said: "A Pea without sweetness is like a sweet potato without the sweet."

The great preacher was right. A pea without sweetness is not fit to put upon the table, and it is well to bear in mind that the smooth pea is never a very sweet pea.

THE MATCHLESS WONDER is as early as the Alaska, or any other pea, and as sweet as the Champion of England, or any other pea.

The vine, which is very luxuriant and beautiful, grows from 15 inches to 2 feet in height, according to soil and season. It yields abundantly of good-sized pods (larger than Alaska or First and Best), which, while maturing uniformly, do not harden or grow leathery quickly.

It is a grand pea for gardeners to build up a reputation. It is a most satisfactory pea for private gardens.

Stock is very limited this year, and we cannot at present offer it in larger quantities than ten pounds to a purchaser.

Pkt. 10c, $\frac{1}{2}$ lb. 25c, $\frac{1}{2}$ lb. 40c, lb. 75c, Postpaid. By Express or Freight at purchasers expense, 10 lbs. \$6.00.

EARLY VEGETABLES

How to Grow Them, Edited by H. H. Thomas. It tells you how to begin, what to grow, when to sow and transplant. Profusely illustrated with numerous illustrations from sketches and photographs. Contains 78 pages, 5x7 inches of very helpful and instructive matter. Price, 50c, postpaid.



Peas—Matchless Wonder.

WE PAY POSTAGE ON ALL SEEDS EXCEPT WHERE NOTED



CABBAGE

COPENHAGEN MARKET

This superb new Cabbage created quite a sensation at the farm of the originator. It is undoubtedly without a rival as the finest large round-headed early cabbage in cultivation. The type is thoroughly fixed, the heads maturing all at the same time—this being a great consideration to market gardeners, entailing less labor in harvesting the crop and allows the ground to be cleared at the first cutting. The heads average about ten pounds each in weight, are very solid, with small core, and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed; the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants, therefore, can be set closer than is usual with varieties of similar size. Stock of seed (all grown in Denmark) is very limited. Per pkt. 10c, ½ oz. 40c, oz. 75c, 2 ozs. \$1.40, ¼ lb. \$2.50.

FRUIT TREE PRUNING

Edited by H. H. Thomas. The practice of pruning fruit trees and small fruits is governed by certain principles, which vary according to the kind of fruit dealt with. It tells you why, and how to prune, also root pruning and the results. Contains 78 pages, 5x7, and is profusely illustrated from sketches and drawings. Price, 50c postpaid.

“Santa Claus” MUSK MELON

Just think of having a delicious, fresh Muskmelon to eat with your Christmas dinner. It was originated in California. The rind is mottled. The shell is hard and about one-eighth of an inch thick. There is no seed cavity. The seeds are imbedded in a jelly-like pulp. The light green flesh is absolutely stringless; its flavor excels anything in the melon line; it is in a class by itself, and is beyond description. Plant the same time you would any other. When the underside of the melon becomes a golden yellow, it is ready to take off, but do not pull it off, cut the stem about three inches from the melon, as this avoids any tendency to rot at the stem end. They can be laid in sand and covered with weeds or straw or laid away in a shed, but never on top of another. When first taken from the vine, the rind is crisp and very hard; after four to five weeks there is less crispness to the touch and a slight giving way to pressure, but anything like softness indicates over-ripeness. This melon should become more popular—it is a Christmas melon. All our customers should give it a trial. Pkt. 10c, oz. 50c, 2 ozs. 90c.



Danish Winter Savoy Cabbage

THE BEST FLAVORED OF ALL CABBAGES

This is the hardest-heading and best all-round Savoy. Plants are of strong growth, having only a moderate number of outer leaves growing closely about the large, solid, round heads. Heads beautifully blanched and of the finest flavour.

This Savoy Cabbage differs from all others in the peculiar crumpled character of the leaves. This is caused by a more rapid growth of the parts of the leaf between the veins, and as this is the tenderest part of the leaf, the reason for its good quality is apparent. This characteristic is maintained even in the younger leaves.

Although excellent at any season of its growth, the Savoy Cabbage is never at its best until touched by frost, and for this reason should be used only as a fall or early winter crop. In the latitude of London the best results, are obtained from crops raised from seed sown in June. Pkt. 10c, ½ oz. 40c, oz. 75c, 2 ozs. \$1.25.





New National Water- melon

The National is a watermelon of medium to large size and of high table quality. In shape it is oblong. The outside color is pale green, with darker green markings. The flesh is brilliant red in color, and remarkably solid. The flavor is delicious, and the flesh entirely stringless. The rind, though thin, is tough, insuring good shipping qualities. National produces large melons, often weighing 40 pounds and over. Its handsome appearance and luscious flavor, make it a rapid seller, and for the home garden it has no equal. Pkt. 10c, oz. 35c, 2 ozs. 60c, ¼ lb. \$1.00.

TOMATO DENGATE'S DAISY

EXTREMELY EARLY—HEAVY YIELDER—BEAUTIFUL COLOR—BEST FLAVOR
The Tomato for the Private Planter and a Money-Maker for the Market Gardener.

A grand Tomato of Local introduction, being brought to its present stage of perfection by Mr. R. Dengate, one of London's well-known Market Gardeners.

This magnificent variety possesses every point going to make up a perfect Tomato.

It is extra early, of a bright scarlet color, medium in size (large enough for any use), wonderful firmness, finest flavor and exceptionally productive for such an early variety.

The seed cells are small and the centre without the hard core which is such an objectionable feature in so many varieties.

The vine is somewhat of the type of the well-known Spark's Earliana bearing bunches of 8 and 10 beautiful perfect fruit many bunches having twice this number.

The Photograph herewith shows Mr. Dengate holding a bunch of twenty-one beautiful solid ripe fruits, any one of which was large enough for slicing.

This bunch was shown on our Exhibit at the Western Fair, London, September last, and was admired by thousands of visitors.

This variety being a very shy seeder and the past season being very unfavorable for harvesting, we can offer it in sealed packets only containing about 80 seeds. Pkt. 25c.



**BRIGHTEST CRIMSON
GLOBE**



**THE GREATEST
NOVELTY
IN YEARS
AND THE KING OF ALL
RED GLOBE ONIONS**

Brightest Crimson Globe Onion

Our attention was first called to Brightest Crimson Globe Onion two years ago by one of our market gardener friends who had been growing and improving this onion for the past 20 years. We have been watching it on our trial grounds for four years, where it has done so well it gives us pleasure to offer it to our customers this season as the best red variety.

Brightest Crimson Globe is a very hardy, vigorous grower, producing perfect globe-shaped onions of a bright crimson color. Its long keeping qualities make it an A No. 1 shipping variety. The white flesh is fine grained and of mild flavor. Our stock is limited, so we advise early orders. Pkt. 10c, ½ oz. 35c, oz. 60c, 2 ozs. \$1.10, ¼ lb. \$2.00.



GROUND CHERRY

YELLOW IMPROVED

Another year adds to our faith in this popular little fruit, and as a fruit for the table, it cannot be excelled. It is a great improvement on the wild ground cherry. They grow well on almost any dry soil, are easier raised than the tomato, and are prolific bearers. For sauce they are excellent, and for pies nothing can equal them for taste and flavor. They are delicious as preserves; and when dried in sugar are much better than raisins for cakes and puddings. No one after raising them once will ever make a garden again without devoting a small portion at least to the ground cherry. Pkt. 10c. (Seed very small.)

If all the ground cherries are not gathered before frost, pull up the vine; hang it in a frost-proof cellar for winter use. Full directions for preserving, etc., sent with each purchase.

New Golden Sweet Water-Melon

GOLDEN YELLOW FLESHED, SWEET,
CRISP AND DELICIOUS

The most important novelty in the way of a watermelon that has been introduced in years. A new melon with yellow flesh that fairly melts in the mouth, and which for its fine sugary, juicy and delicious flavor cannot be surpassed by any red flesh melon on the market; medium size, and a perfect sort for home use. The rind is thin but hard, and the color of flesh a golden yellow, solid, crisp, smooth, of delightful aroma, and with but few seeds. For table use its contrast with the red flesh varieties will create a heavy demand for it; and this, with its tempting, melting flavor, will make it one of the most popular watermelons on the market for the home gardener. Owing to it being a shy seeder, our stock is limited this year, so advise prompt orders. Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, 2 ozs. 90c.



Chilian Jumbo Squash

WEIGHT 200 POUNDS OR MORE—VERY PRODUCTIVE—
IMMENSELY PROFITABLE

Attains an enormous size, often reaching a weight of 200 pounds, and not infrequently weighs 300 pounds, and even more. Despite its size, its flesh is rich and fine flavored. It is especially desirable for stock feeding and exhibition purposes. From the illustrations you will note its uniformly large size. We deem it the most profitable crop to grow. They can be used almost entirely for feeding cows and swine. For feeding the cows, it is best to cut them up, mixing with ground feed. As the yield an acre will run from 8 to 15 tons, it will produce a very cheap and nutritious feed. In feeding to swine, all that is necessary is to break the squashes open and they will help themselves.

Note—Full instructions for growing large squashes and Pumpkins with each order for one package or more.

Pkt. 10c, oz. 35c, 2 $\frac{1}{2}$ ozs. 60c, $\frac{1}{4}$ lb. \$1.00.

BIG BOSTON LETTUCE



Big Boston Lettuce.

In the heart of a section noted for lettuce growing of the highest quality, this Special Strain of Big Boston, was pronounced by expert lettuce growers the best they had ever seen. Every plant produced was a perfect head. There were no sports or blanks; every space held a solid, finely-formed head of Big Boston. All ready to cut at one time.

Big Boston is one of the best varieties for either the market garden or the home garden. The heads are large and blanched to a creamy white when the outer leaves are removed, very fine grained and packed as close as cabbage. Plants are sure headers, and stand a long time before seeding. When the plants are thinned to 10 to 12 inches apart the heads grow to a large size, measuring from 10 to 12 inches in diameter. Big Boston heads up under cold weather conditions better than any other.

We supply many of the largest growers with this Special Strain. Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 35c, 2 ozs. 60c.

CRISP-AS-ICE LETTUCE

A most beautiful, attractive Lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name, Crisp-as-Ice. The glossy leaves are thick, nicely crimped and curled; the outside leaves are beautifully variegated with dark bronze and green. The heads, when cut open, have a rich, creamy yellow heart. A superior family and home market lettuce. Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 35c, 2 ozs. 60c.

TOMATO---Byron Pink

The form is perfect, uniform, large and attractive. The flesh is very firm. A robust grower, with short joints, setting its clusters closer together than most varieties, and it therefore follows, a very heavy cropper. The fruits are usually very deep from stem to blossom end. Ripens evenly does not crack about the stem, and the flavor is all that can be desired. We have tested it for several years, as well as for forcing in greenhouses, and we believe it to be entirely unequalled for such purposes; but there is more money in growing it for early market than any other known variety, because it has about four clusters of fruit where others have only three. The fruit and clusters are also larger, and it comes in early, while the prices are fancy. (Originator's stock.) Pkt. 15c, 2 pkts. 25c, $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25, 1 oz. \$2.00. This is a very shy seeder, therefore seed is higher in price than ordinary varieties.



Symmes Blue Hubbard SQUASH

Named in honor of Mr. S. S. Symmes, a well-known market gardener. Mr. Symmes obtained it by careful selection from the Hubbard. Thick-meated, fine grained, dry and very sweet; close your eyes while eating and you would think you were eating cake. It remains longer without showing signs of mould than any Squash handled. This is very valuable where Squash has to be cut for family use. We cannot remember when we ever had such a hard year for Squashes. They came up nicely, but the wet weather came on and lasted so long, checking the growth, so when sunshine did come the season wasn't long enough in many localities to mature the crop. When harvested Symmes Blue Hubbard outyielded everything—but only about three-quarters of a crop. Pkt. 10c, $\frac{1}{4}$ oz. 20c, oz. 35c, 2 ozs. 60c, $\frac{1}{4}$ lb. \$1.00.



All Seasons Radish Mixture

Contains all shades and shapes—red, white, pink, and variegated; round, half-long and long, in great variety. It is "all the go" for small gardens where space is limited and you want to make a garden and be done with it. One sowing does for the whole season, as they become ready for the table early, medium and late. You always have some that are just right—sweet, juicy, delicious, crisp. You will be surprised and delighted with our popular radish mixture. Your garden this season will not be complete without a bed of these crisp little table delicacies. Pkt. 10c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c, lb. \$3.00.

Radish---Delight

The quickest of all. Matures in 18 days. Very attractive appearance. Beautiful carmine scarlet with white tip. Flesh purest white. Crisp and sweet.

White-Tipped Radishes are justly popular by reason of their attractive appearance, but the varieties already in existence are either too dull in the ground color or lack a clearly defined white tip.

A quite distinct variety, fulfilling every requirement in a radish in each respect, the color being a rich carmine scarlet with a very pronounced tip of the purest white.

The roots, even when fully developed, are solid, crisp and sweet, and remain fit for use as long as the coarser kinds.

It is equally well adapted for forcing in frames or growing in the open ground, for while the leaves are small, as shown in the accompanying photograph, they are sufficiently large for bunching. Pkt. 10c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c, lb. \$3.00.



New Winter Radish Japanese Colossal

Every radish grower should plant some of this great variety. It is oval shaped, flesh, and skin pure white, and grows to immense size, specimens weighing from 12 to 15 pounds having been grown. In spite of its large size, it retains the delightful crispness of the smaller sorts, and is one of the most valuable imported varieties ever brought to this country; excellent keeper. This fine radish should be sown about the first of July, or a little later in good soil. It should be thinned to stand six or seven inches apart in the row, so as to allow for full development. It will be ready to pull in early autumn. Pkt. 10c, oz. 35c, 2 ozs. 60c, $\frac{1}{4}$ lb. \$1.70.



Onions CRANSTON'S EXCELSIOR

AN EXCELLENT EXHIBITION ONION OF VERY LARGE SIZE

This mammoth onion is grown in England, where it originated, almost to the exclusion of all other sorts owing to its immense size. Its handsome oval appearance, and its pungent but sweet and mild flavor. It is an excellent keeper for a large onion, a heavy yielder and grown for exhibition purposes perhaps more than any other variety. Its attractive pale straw color, its productiveness and large size make it a most desirable sort either for market or the home garden and bids fair to quickly rival in this country the popularity it now enjoys in England. To secure the largest onions, seed should be sown in a hot bed in the early spring and transplanted later to the open ground. Pkt. 10c, $\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$3.25.





"JOHN BAER" TOMATO

"JOHN BAER" Tomato produces large, beautiful, solid tomatoes. Produces an enormous crop of tomatoes, 50 to 100 fruit to each plant. Ripens evenly, right up to the stem. No scalds, no blight, no cracked, no wrinkled, no one-sided, uneven fruit. When dead ripe "John Baer" Tomato will not burst. Has a wonderful glistening bright red color. Has a mild, deliciously sweet flavor. In shape and form exactly like photograph above. Is almost seedless, a marvelous stem setter, often ten fruit in first cluster, solid and meaty. Has just enough foliage—

will stand plenty of manuring without going to vine. Set plants $2\frac{1}{4} \times 3$ feet. The most perfect tomato ever grown—was saved by the originator, who personally selected and picked every tomato, selecting only the most beautiful perfect fruit. This tomato is the result of Fifteen Generations of Improvement and Selection for earliness, quality, shape, fruit, color and shipping quality. Being such a tremendous yielder, can be gathered in one-third the time of any other tomato. Pkt. 15c, $\frac{1}{2}$ oz. 40c, oz. 75c, 2 ozs. \$1.35.

3 "MONSTROUS" TOMATOES

PINK
YELLOW
RED

Pink Monstrous

(Subject of Illustration on back of cover.)

Unquestionably the one great requisite in a vegetable for private use is quality—first and always QUALITY. In a tomato the prime essentials are: good flavor, a minimum of acidity, a fairly tender skin, solid, meaty flesh, few seeds, and very little juicy pulp. These ideals are perfectly exemplified in Pink Monstrous Tomato. There are two kinds of solid tomatoes. One derives its solidity from a thick-fleshed outer wall and a tough skin, and this is eagerly sought by the shipper. The solidity of this variety is different. A serious defect in many sorts is the hard, core-like character of the walls, which frequently remain green and hard long after the other parts of the fruit are ripe. We have succeeded so thoroughly in modifying, developing, and enlarging these cell walls in Pink Monstrous that they have almost filled the seed cavities, which in less carefully bred strains contain only seed and watery pulp; the result achieved is a solid mass of meaty, succulent flesh of incomparable quality. Pkt. 15c, 2 pkts. 25c.

Red Monstrous

A scarlet "sport" from Pink Monstrous and resembles the original stock in nearly all respects, but the color is brilliantly crimson-scarlet. It bears a prodigious crop of perfectly shaped fruits of enormous size that ripen clear to the stem, while its rich color is sustained throughout the entire fruit.

It ripens a few fruits immediately after the very early sorts, and from then right up to frost it yields a constant supply of massive, luscious fruits. These are always extremely solid, and remain so after cooking. Served in slices its solid, tempting appearance compels instant admiration, and in the final and decisive test of flavor it is appetizing and delicious. Pkt. 15c, 2 pkts. 25c.

Golden Monstrous

A splendid novelty. Equals its famous parent, the Red Monstrous, in every respect but color. It possesses its large size, heavy meaty luscious quality, and in addition is of a striking rich golden yellow color, making a novel and most attractive table effect, especially when served sliced with the pink or red variety. This is the largest of the yellow varieties in cultivation. The fruits are very uniform in shape and size, contain but little core and few seeds, and are a solid mass of succulent meat. Their skin is thin and they ripen the first fruit quite early, continuing to bear until frost. Pkt. 15c, 2 pkts. 25c.

SPECIAL OFFER—One Pkt each Pink, Red and Golden Monstrous Tomatoes for 35c.

The Handy Garden Hoe

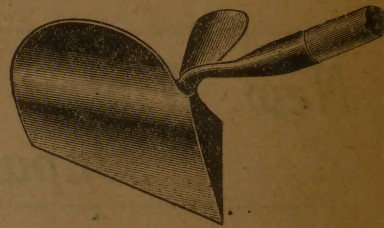
The Hoe of All Hoes

Does what all other hoes will do, and more. It hoes, Plows, Lists, Pulverizes, Covers and Cultivates. It breaks up the soil easily. It has the angle cutting Shear of the Plow, it cuts a smooth, level bottom, and completely turns the surface of the soil with its full Stubble Mold Board, and it cuts and turns the roots of the weeds to the sun and air, and leaves a clean, pulverized surface. It cuts a Smooth, Even Furrow. By pushing it backwards in a listed furrow, it pulverizes, smooths and packs the fine mulch for a perfect Seed-bed and Furrow. After the seeds have been planted



No. 1

in a furrow, push the Lister backwards over the furrow, and by raising or lowering the point of the handle you can cover to any uniform depth required. It can be used as a Surface Cultivator or as a Subsoil Cultivator. The Shear cuts and removes all weeds, cuts a smooth surface and pulverizes the top soil perfectly. It cuts a smooth, even base, breaks up and pulverizes the subsoil leaving the surface either smooth or hilled to the plant as desired. The Handy Hoe has more Good Features combined than any other Garden Tool, regardless of price. It is more simple and durable it is lighter draft and easier operated, and is cheaper than any other Garden Tool of its class on the market. The Base of the Moldboards are so constructed that the sharp cutting edges can be sharpened by simply filing them with a file. Price of No. 1 or No. 2 \$1.00, postpaid. When ordering mention number.



No. 2

1
9
1
81
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New Aster—Vick's Early Branching Rosy Red

NEW ASTER

VICK'S EARLY BRANCHING ROSY RED

505. After years of development and training, this beautiful new Aster, Vick's Early Branching Rosy Red, is here introduced to the Canadian Flower-loving public. This is positively a new color in asters. Nothing like it in any other class. Darker than rose, lighter than crimson, no trace of yellow or magenta; just a beautiful rosy red.

The plants are more vigorous and the flower larger than those of any other shade of red. Therefore, this variety will without doubt be a favorite in cut-flower markets, while the general habit of the plant and its season of bloom easily identify it with Vick's Early Branching Aster. The flowers, in shape are about midway between the closely-folded, regular formed, massive blooms of Early Branching and the large, loose, fluffy, wide-petaled flowers of the Mikado type. Our customers will be greatly pleased with this new variety in combination with other colors and types in their gardens this year. **Packet 35 cents.**

Beauty Stocks

472. "Beauty Stocks" is an appropriate name for this comparatively new and magnificent race which is bounding into popularity wherever grown or exhibited in Europe and America. The plants are of fine symmetrical habit, bushy and in flower stands about 1½ to 2 feet in height. The numerous side branches each carry a tall strong spike well furnished with unusually large and very double deliciously clover-scented flowers. Among the merits of "Beauty" Stocks is their adaptability to many cultural conditions and their decorative effectiveness, whether grown in flower beds, garden borders or as potted specimens. They do not flower as quickly from seed sowing as Ten-Week Stocks, the "Beauties" requiring from 12 to 15 weeks, but after they commence blooming their long-continued profusion is phenomenal. Seeds started early in the spring and the seedlings transplanted in the garden in May will begin flowering in July and continue to bloom until frozen. Late sown plants, if carefully lifted and potted in the fall, will continue to flower beautifully in window garden or conservatory during the winter, though when grown especially for winter flowering—for which "Beauty" Stocks are peculiarly adaptable—it is better to sow the seed in July or August. As cut flowers, "Beauty" Stocks are unsurpassable, their splendid trusses of bloom lend themselves to table and other floral decorations. The fragrant flowers are of lasting substance and their refined colorings light up well under artificial light. (See cut.) **Pkt. 15c.**

BABY'S BREATH

475. The flowers are small, star-like and borne in feathery sprays which are highly esteemed for cut flowers, as they lend a most graceful effect when combined in bouquets with Sweet Peas. Successive plantings of seed should be made a few weeks apart to furnish a continuous supply of flowers. **Pkt. 10c.**



AFRICAN PIPE GOURD

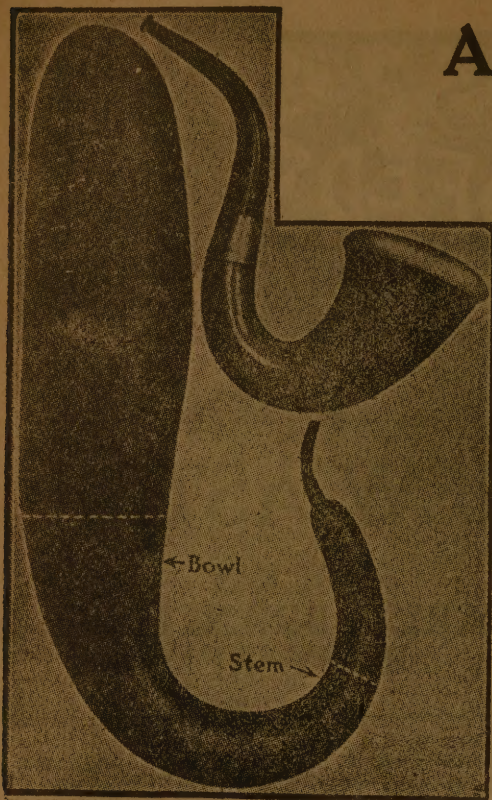
473. A luxuriant, rapid-growing annual climber, adaptable to all purposes for which climbing plants are used; and besides, it produces the Ornamental Gourds from which are made the African Calabash pipes, now so popular on account of their lightness, grace and meerschauum coloring qualities. When grown for the production of pipe Gourds, the vines are usually allowed to grow on the ground like Cucumbers, Pumpkins, etc., so that the fruits, in place of hanging down and growing straight, will take their natural pipe curve; though if grown on trellis, the Gourds may be shaped by tying up with cheese cloth or by using perforated boards with pegs. Directions for growing, curing and making pipes from these Gourds are sent with every package of seed. (See cut.) Pkt. 10c.

Nicotiana---Sanderac Hybrid Mixed

467. Most showy and profuse-flowering garden annuals, giving a continuous display of brilliant flowers through summer and autumn; easily grown from seed, commencing to flower in a few weeks from sowing, thriving in a sunny position in any good garden soil. The plants, of branching bushy habit, 2 to 3 feet high, carry the flowers in clusters, the whole being literally ablaze with them, thousands being borne on a single plant during the season; the glorious effect in the garden is unsurpassable. The plant and flowers are similar in habit and form to those of the popular, white-flowering, fragrant *N. Affinis*, but the flowers of these new hybrids are much larger, measuring from 1½ to 2 inches across, and very fragrant. Colors, purple, white, dark red, light red, salmon, crimson, violet, rose and pink. Pkt. 10c.

Colossal Red Mignonette

474. One of the finest, being of strong growth, healthy and deep-rooting. The average spikes of flowers are immense, measuring 6 to 8 inches long by 2½ inches in diameter, and are compactly filled with giant florets measuring ½ inch across and packed full, even in the centre with anthers, or three times as many as the older Mignonette contain; consequently this variety is correctly called a double Mignonette. The color of the florets—fire-red—is strengthened on account of the density of the florets and spikes, thus presenting almost solid columns of brilliant red, effectively contrasted against the healthy, rich, green foliage. The fragrance is delightfully rich and powerful. For cutting, it is perfection, remaining fresh for from 8 to 10 days in water. Pkt. 10c.



Vick's Ruffled Petunia

506. The Originators say:—This is the most expensive crop we grow. One entire greenhouse is used, in which each plant, potted separately, is carefully tended, and the pollen spread from plant to plant with a camel's hair brush in the hands of an expert. A good crop sometimes costs us as little as \$800.00 per pound. Some years the crop costs more. We go to all this expense to keep up the quality of this superbly ruffled and beautifully marked strain, acknowledged by every expert who has seen it as absolutely unsurpassed anywhere. After studying for weeks the brilliant coloring and delicate threads or veins in every conceivable hue, an artist whose color sketches of flowers are greatly admired, says "No human being can ever depict accurately in colors the exquisite beauty and intricate detail of your Ruffled Petunia. Its gorgeousness baffles description." Vick's Ruffled Petunias, mixed colors. Pkt. 35c.



Vick's Ruffled Petunia

Large Single China Asters

461. Single flowers are coming much in vogue among people of aesthetic tastes and those influenced by fashion's decree; beautiful but simple. This change of front from double to single has created a demand for long-stemmed, large single, China Asters, which are of unsurpassed, decorative effect when cut and vased. These Asters, of strong, healthy growth, are profuse bloomers and are also showy garden plants. (See cut.) Pkt. 10c.

Giant Flowering Heliotrope

466. The flowers are borne in graceful clusters and are very fragrant; blooms the whole season. It grows quickly and easily from seed, doing best in a rich soil. One of the best strains known among heliotropes, bearing flowers of immense size and of richest beauty and fragrance. The colors range through all the shades of blue, from violet to indigo. The great trusses or floral heads are sometimes a foot across, and are magnificent in appearance. The plants grow about two feet high, and the foliage is peculiarly rich, glossy and attractive. In wide favor, both for open air culture and for window gardening. This strain has become immensely popular. Pkt. 15c.



LARGE SINGLE
CHINA
ASTERS



Early Flowering Giant Cosmos

471. In this strain which has been selected and re-selected with great care and labor, will be found the finest forms of cosmos thus far developed. It is a noble mixture or collection of large-flowered forms, embracing all colors, such as white, pink, crimson, white tinted rose, etc. The great flowers, borne in abundance on long and graceful stems, are sometimes 6 or more inches across. Some blooms are nearly flat and cone-shaped, with petals variously cut and fringed. Certain of the fringed forms resemble California poppies, with broad petals of great elegance and beauty. This magnificent type of cosmos may be started very early under glass or in the window box, thus giving it a long season for full development. Seeds sown out of doors in early spring produce plants that will bloom in early autumn, and the gorgeous flowers will continue long after the advent of frosts. Pkt. 10c.

Japanese Morning Glory

463. Giant Mikado Mixed—The flowers are of gigantic size, and the coloring and markings beyond description, ranging from snow-white to black-purple with all the possible intermediate shades. Others are edged with white, having throats of one of the above colors; there is also an endless number having flowers spotted, marbled, striped, flaked and splashed. They are beyond question the largest and most beautiful of this handsome family of easy grown climbers, and are the Orient's best gift to flower lovers. Wherever climbers can be grown our New Giant Mikado Strain should have a prominent place. The seed we offer is of our own importation direct from Japan. Pkt. 10c.

Begonia, Gromanii

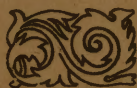
THE BEST BEDDED BEGONIA EVER INTRODUCED.

507 The Originator says:—This Begonia is a great improvement on Begonia Vernon. Foliage a beautiful bronze green in the summer. Color red (very near Christmas red). Have been selecting the best colored plant for seed for ten years and for the last five years have not seen a white or pink plant on our place. We feel confident we have the color fixed so that every seed will produce a plant with red flowers. Every florist knows what a disappointment it is to sow seed of Begonia Vernon and when the plants bloom to find half white and pink plants that are impossible to sell.

This is overcome in this new Begonia. We had a bed of this Begonia at our green-houses this summer that was a mass of beautiful red flowers from July last, until frost, and was greatly admired by everyone who saw it. This Begonia also makes a very nice mass pot plant if taken up September 1st, and cut back, put in pots and grown inside until Christmas (See cut, photo taken Dec. 1, 1916). Only a limited quantity of seed to offer this year. Pkt. 50c.



Begonia, Gromanii



Hyacinth Bean

Of extra rapid growth; makes a dense attractive screen. The new "Darkness" and "Daylight," introduced by us from Japan, are incomparably superior to the old "Lablab" varieties, previously in cultivation.

"DARKNESS"

469. Both stem and under side of leaves purplish red. Numerous long spikes of pea-like flowers, deep reddish violet, followed by beautiful seed-pods; they bloom early and freely. Pkt. 10c.

"DAYLIGHT"

470. The vines grow quickly to a height of 8 to 10 feet, and blossom profusely from base to summit, the large spikes of pure white flowers standing out boldly from the rich green foliage. As the flowers drop from the large spikes they are succeeded by broad, velvety, showy white pods which retain their purity and freshness of color a long time. Pkt. 10c.

Scarlet Dragoon Salvia

468. A most magnificent summer and autumn flowering bedding plant. The old Salvia Splendens, or Scarlet Sage, has long been a favorite, and our customers can partially appreciate the superiority of this new variety when we state that the flowers are nearly double the size, closely crowding the immense spires that often measure six inches across. Full grown plants in bloom form compact bushes three feet through by three feet high, and bloom from ground to summit. We know of nothing that can equal the gorgeous effect of a row or bed of these Salvias when in full bloom; the waving masses of glistening scarlet green surroundings of foliage is matchless. Pkt. 15c.



The Cardinal Climber

495. The most brilliantly beautiful New Annual Climber that has been introduced for many a year. An extremely rapid grower, it flowers early and profusely; the vines branch freely, quickly attaining a height of from 20 to 30 feet. The dark green leaves are deeply lacinated, resembling a fine Japanese Maple. Each plant bears almost countless numbers of extremely rich, circular, glowing scarlet flowers which average $1\frac{1}{2}$ inches in diameter. The tube being $1\frac{1}{4}$ inches in length. It succeeds best in a warm, sunny position, and should be planted in rich soil. While most profuse in flowering from July until frost, it is an extremely shy seeder, most of the flowers failing to produce any seed at all. We recommend starting early indoors, when practically each seed should give one of these grand vines that grow so vigorously and attract such attention. Pkt. (fifteen seeds) 15c.

Giant African Daisy

NEW HYBRIDS, MIXED

458. No painter's brush can picture, nor could any pen properly describe the amazing beauty of these wonderful new African Daisy Hybrids. The world owes a debt of gratitude to the Originator in Europe, who had the knowledge and skill to "create" them—the crowning achievement of half a century in seed growing. In habit, growth and foliage, as well as height of plants (twelve to fifteen inches), and the size of the flowers (two and one-half to two and three-quarter inches across), these New Hybrids are like the parent *Dimorphotheca Aurantiaca*. They range in color from the purest white to red and bluish-white tints, sulphur, salmon and bright golden-yellow, golden-orange, reddish-yellow, changing to light salmon-rose, superb shades of salmon, very light to deep orange-salmon. There are also varieties with different colored zone, such as white with a broad sulphur-yellow zone around the black disc, and soft salmon with deep salmon-red inner circle. These zoned flowers enhance the beauty and varied aspect of these remarkable New Hybrids. Pkt. 10c

Butterfly Flower

OR POOR MAN'S ORCHID

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. Makes admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

496. Dwarf Large-Flowered—A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. Pkt. 15c

Good Venture Geranium

384. A strain of seed saved from grand new Hybrids, all greatly enlarged and improved. The flowers are extra large, round, of the most perfect form, borne on splendid trusses; some of them forming balls 16 inches in circumference. The colors include shades of scarlet and crimson, rose, pink, salmon, creamed veined pink, bluish, snowy white, and all of the new aureole types with lovely rings and white, large eyes. These all stand the hot sun. Although perennials, they produce nice bushy plants and flower from seeds sown the same season. The gorgeous flowers, borne continuously, render these most popular plants for pot culture in winter or for bedding out in summer; 12 to 18 inches high. Pkt. 15c

Jubilee Phlox

THE MOST BEAUTIFUL RACE OF PHLOX DRUMMONDII

(Subject of Illustration on Front Cover.)

476. Grand acquisitions, forming sturdy little bushes only eight inches high, producing masses of bloom from ground to summit. The flowers, borne in immense trusses, are unusually large and of superior substance. For bedding this is a most brilliantly effective annual type. Will form a floral picture of incomparable richness of coloring. They are of easy culture—amply repaying generous treatment—succeeding in all sunny positions, beginning to bloom in early summer from spring-sown seed and continuing until close to autumn. Pkt. 10c

Giant Flowering Antirrhinum

These modern Hybrid Antirrhinums have been elevated by popular favor from the plebeian "Snapdragon" rank of common flowers to a higher level. This marked change in the general estimation is the direct result of the evolutionary improvement for the past few years, that has made the Giant Flowering Antirrhinum race so highly satisfactory for gardens, bedding, borders, pot culture, for house decoration, forcing for winter cut flowers, etc. The plants are of a healthy, robust growth, with deep green foliage, free and continuous-blooming, producing long, graceful spikes of immense and durable pure colored flowers, either rich and brilliant or soft and dainty. Their continuous-blooming qualities, ease of culture and independence of heat and drought, and pure, bright colors, should entitle them to a permanent place in gardens. The flowers are nearly double the size of the older sorts. An effective bed may be formed by planting the center with the tall varieties and the outer rows with the semi-dwarf; planted in a combination of separate colors the effect is very beautiful—although even a "Mixed" bed is a feast for the eyes; the plants should be placed 9 inches apart each way. Pinching out the tops—although it delays the beginning of flowering—forces the plants to branch low and ultimately gives better results.



TALL GIANT FLOWERING

Splendid luxuriant growers 2 to 3 feet in height—with long spikes of immense flowers—very graceful and beautiful cut for vases.

- | | |
|-------------------------------------|----------|
| 497. Yellow Queen—Pure yellow..... | Pkt. 10c |
| 498. Fire King—Fiery Scarlet..... | Pkt. 10c |
| 499. Queen Victoria—Pure white..... | Pkt. 10c |
| 500. Finest Mixed—All colors..... | Pkt. 10c |

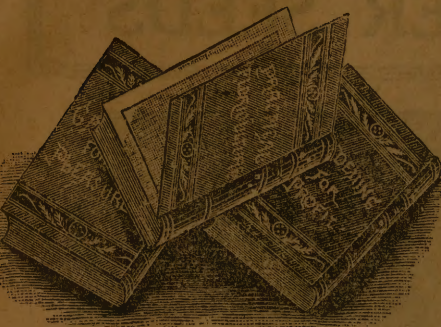
SEMI-DWARF GIANT FLOWERING

The plants are of compact, bushy growth, only 12 to 15 inches high, and are completely covered with flowers as large as the tall sorts throughout summer and fall.

- | | |
|---|----------|
| 501. Defiance—Scarlet..... | Pkt. 10c |
| 502. Queen of the North—Pure white..... | Pkt. 10c |
| 503. Golden Queen—Yellow..... | Pkt. 10c |
| 504. Finest Mixture—All colors..... | Pkt. 10c |

For **GARDENERS**
and **FLORISTS**

A LIST OF VALUABLE BOOKS

For **FARMERS**
and **OTHERS**

A B C and X Y Z of Bee Culture—By A. L. Root. A complete work on the honey bee. Price, \$3.00. Postpaid.

Alfalfa—By F. D. Coburn. Its growth, uses and feeding value. 164 pages, cloth. Price, postpaid, \$2.25.

Asparagus—By F. M. Hexamer. For home use as well as for market. 174 pages, 5x7 inches. Cloth 65c.

Broilers for Profit—By Michael K. Boyer. A practical guide to successful broiler raising for market. Price, 60c.

Bulb Growing—A concise guide to the culture of all the most important bulbous, tuberous and allied plants, by Walter P. Wright, and Horace J. Wright. Postpaid, 60c.

Cabbage, Cauliflowers—By C. L. Allen. Cultivation and general management. Insects and fungi. Illustrated; 126 pages; cloth. Postpaid, 65c.

Celery Culture—By W. R. Beattie. From early plants to the handling and marketing of celery in carload lots. Price, 65c.

First Steps in Gardening—Shows beginners how to succeed with all the most popular flowers, fruits and garden crops. Price, 60c.

Fruit Growing—A concise manual giving instructions for the management of every important fruit in cultivation by Walter P. Wright. Postpaid, 60c.

Gardening—A useful manual for all classes of Horticulturists, giving concise directions for the culture and selection of the leading

flowers, fruit and vegetables, by Walter P. Wright. Postpaid, 60c.

Greenhouse Management—Directions for the general management, and describing the culture and principal varieties of all the most important greenhouse and stove plants, by Walter P. Wright. Postpaid, 60c.

Mushrooms, How to Grow Them—By Falconer. \$1.25.

Pets—General hints on the dog, cats, rabbits, etc., with common ailments and simple remedies. Price, 60c.

Poultry Feeding and Fattening—By G. B. Fiske. Chickens, broilers, capons, turkeys, water fowls; how to feed. 160 pages, 5x7½ inches. Cloth. Price, 60c.

Poultry Keeping—By A. Williams. Houses and runs, breeds and their characteristics, feeding and management, also water fowl, diseases and ailments, also other useful information and telling all about the business side of poultry keeping. Price, 60c.

Poultry Appliances and Handicraft—By G. E. Fiske. Over 100 illustrations, 5x7 inches. Cloth. Price, 65c.

Perpetual Carnations—The cultivation of these beautiful flowers is fully discussed, and hints are given for retaining the best blooms. Price, 60c.

Practical Chrysanthemum Culture—Dealing with every important point in the culture for show, flower gardens, and greenhouses. Price, each, 60c.

Profitable Dairying—By C. L. Beck. A practical guide to successful dairy management. 200 pages. Cloth. Price, \$1.00

Profitable Small Fruits—The value of small fruits, cultivation, diseases and insects. Price, 50c.

Quinby's New Beekeeping—Mysteries of beekeeping explained; 50 years' experience. \$1.50 postpaid.

Rose Growing—A concise guide, describing the propagation, pruning and general culture of roses, both out of doors and under glass, by Walter P. Wright. Postpaid, 60c.

Small Fruit Culturist—By Andrew S. Fuller. Their culture, varieties, packing for market, etc., 298 pages, 5x7 inches. Cloth. Price, \$1.50.

Spraying Crops—Why, When and How?—This is a book that anyone with fruit should not fail to get. 65c.

Squabs for Profit—By Wm. E. Rice and Wm. E. Cox. Methods of selecting breeding feeding, killing and marketing squabs. The plans and specifications for building, etc., are complete. 150 pages. Cloth. 65c.

Stewart's Shepherds' Manual—By Henry Stewart. It is so plain that a farmer or a farmer's son, who has never kept a sheep, may learn from its pages how to manage a flock successfully. Illustrated, 276 pages, 5x7 inches. Cloth. Price, \$1.25.

Sweet Peas and How to Grow Them—This work tells how to grow Sweet Peas for home and exhibition. Price, 60c.

Strawberry Culturist—By Andrew S. Fuller. Containing all information necessary to enable everybody to raise their own strawberries. Fully illustrated. Price, postpaid, 35c.

The Beginners' Gardening Book—General information on the flower gardening, amateur greenhouse, vegetable and fruit, insects and how to destroy them. Price, 50c.

The New Egg Farm—By H. H. Stoddard. The management of poultry in large numbers. Illustrated. Cloth. Price, \$1.25.

The Carnation Book—The reader is told various ways of growing carnations to the best possible advantage. Price, 60c.

Tobacco Culture—Full, practical details by fourteen experienced tobacco growers. Price, 35c.

Turkeys and How to Grow Them—By Herbert Myrick. The best methods to insure success. Cloth. Price, \$1.25.

Tomatoes and Salads—The tomato, preparation of salads, and what to use. Price 50c.

Tomato Culture—By Will W. Tracey. Practical experience of the best posted expert on tomatoes in the world. 150 pages; cloth. Postpaid, 75c.

The New Onion Culture—By T. Greiner. Onions of larger size and yield on less land than can be raised by the old plan. 140 pages. Postpaid, 65c.

Vegetable Growing—A practical manual giving directions for laying out Kitchen Gardens, describing use of manures, advising as to destruction of pests, principal tools, and appliances and culture and best varieties of vegetable, by Walter P. Wright. Postpaid, 60c.

Window Flower Gardens—The practical article and pleasing illustrations, all on window gardening. 60c.

Fertilizers---For The Farm, Garden, Lawn and Pot Plants

Celery and Early Vegetable Manure—Especially adapted for truck gardeners and plant growers. It is manufactured from the best pure high-grade materials, and is very soluble. 25 lbs. \$1.50, 125-lb bag \$4.65, 250 lbs. \$8.00, ton \$60.00.

Potato Manure—Contains all the elements required for an average yield, and at the same time supplies them in forms best suited to the potato crop. 25 lbs. \$1.25, 125-lb. bag \$4.00, 250 lbs. \$7.50, ton \$53.00.

Dessicated Bone is a pure animal bone without adulteration, from which all the grease has been extracted by a patent process, leaving the resultant bone in a finely divided state. 25 lbs. \$1.25, 125 lbs. \$4.40, 500 lbs. \$16.00, ton \$60.00.

Nitrate of Soda—Used by leading market gardeners to hasten growth of cabbage, cauliflower, tomatoes, etc. Its effects are astonishing. Wherever tried has been more extensively used. Try it for yourself. Lb. 15c, Lb. 25c postpaid, 25 lbs. \$2.00, 100 lbs. \$7.00.



Makes Flowers Flourish.

Flowers are like people. Their health depends upon their food. It must be *nourishing*, but not too rich to force growth and cause reaction. The one chemically correct flower food for house plants is

Walker's Excelsior Brand.

It has no odor whatever, and can be used dry or dissolved in water for sprinkling. Use it and your flowers will flourish and their health will last.

Small size (feeds 25 plants 6 months), 25c.; large size (enough for a year), 50c. Sent prepaid anywhere. With each package we send FREE the book, "How to Make the Window Garden a Success."

SULPHO-TOBACCO SOAP

A WONDERFUL AND INEXPENSIVE INSECTICIDE.

Sulpho-Tobacco Soap is a powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of the pests. Full directions with each cake.

Three-ounce cake makes 1½ gallons prepared solution. 10c Mailed, postpaid, for 13c.

Eight-ounce Cake makes 4 gallons prepared solution. 20c. Mailed, postpaid, for 28c.

Pink Pills For Pale Plants

STERLINGWORTH PLANT FOOD TABLETS—Contain Nitrogen, Ammonia, Phosphoric Acid and Potash. A new scientific, odorless, concentrated fertilizer for potted plants. Takes the place of liquid manure. It starts the plants at once into healthy and vigorous growth, and makes them grow and bloom luxuriantly. These tablets drive troublesome insects and worms from the soil. They are odorless, non-poisonous, uninjurious and are clean and easy to handle. If your plants are not doing well, try Sterlingworth Plant Food Tablets, and see how quickly they are benefitted. Trial size box, sufficient for 10 house plants for three months, 10c, postpaid 15c. Large size box, sufficient for 35 plants for three months, 25c, postpaid 30c.

Japanese Palm Food

Manufactured Expressly for Palms, Rubber Plants and Ferns. Guaranteed Analysis—Nitrogen, 2½ per cent.; Avail, phos. Acid, 7 per cent.; Potash K 2 O, 3 per cent.

Made of material just suitable for these delicate classes of plants. Have you a palm, fern or rubber plant? Then you should have a package of Japanese Palm Food. A chemically prepared fertilizer that will make healthy plants and beautiful foliage. Can be used as a solution, top dressing for repotted plants. When used once a week for two or three weeks, you will notice it producing a greener and more luxuriant growth. After the third application, it is not necessary to use it oftener than once in six weeks. Price, 35c, postpaid 45c.

PALE PLANTS NEED PINK PILLS—SEE THIS PAGE.

SELECT LIST OF FLOWER SEEDS



ABBREVIATIONS—H.A., Hardy Annual, flowering the first year; H.H.A., Half Hardy Annual, flowering the first year; P., Perennial, or those that do not flower until the second year; H.H.P., Half Hardy Perennial; B., Biennial, or those that live and generally bloom two years; Tra., Trailing Plants; Ht., Height; Pkt. Packet.

FAILURES—Nine-tenths of the failures in flower culture come from improper treatment of the seeds and young plants, and we urge every purchaser of our seeds to study carefully the cultural directions printed on each packet, and keep in mind the following golden rules for sowing flower seeds: Make the surface as fine and smooth as possible. Do not plant any of the seeds when the ground is at all wet. Cover each lot of seeds to a uniform depth, which should never be more than three or four times the diameter of the seeds. Press the soil firmly over the seeds. Plant in rows, so that the young plants can be easily seen, and pull up all the weeds which spring up between the rows the day they appear. but do not pull plants out of the row until you are sure they are weeds.

ABRONIA

Trailing plants with Verbenia-like flowers. May be trained to stick or left in its natural mode of growth. Peel off the husk before sowing. Very fragrant and in bloom a long time. Transplant to one foot apart. Rosy lilac flowers. Half-hardy annual.

1. Umbellata.....Pkt. 5c

ANTIRRHINUM

(Snapdragon)



The Snapdragons do not receive in this country the attention they deserve. Tourists see them in beds and borders in all the famous parks and gardens of the Old World, and we know from actual tests that they do just as well here as in Europe. They succeed best in a rather light soil in a sunny position, and although perennials, succeed well when treated as annuals.

7. Tall mixed.....Pkt. 5c
8. Dwarf Mixed.....Pkt. 5c

ABUTILON

Flowering Maple or Chinese Bell Flower—Universally admired; few are aware how easily they can be raised from seed, and how beautifully they flower the first season if seed is sown early; seed should be started in the house and the young plants set out in the garden, but not until the weather is warm and settled. They bloom freely in winter in the house. H.H.P.

2. Fine Mixed.....Pkt. 10c

AGROSTEMMA

The Plant is branching, rather dwarf, and pretty for edgings. Sometimes called "Mullein Pink." Flowers the first season from seed sown in the spring, and can be increased by dividing the larger roots. In bloom during June and July. 1 to 2 feet apart. H.P.

3. Fine Mixed.....Pkt. 5c

AGERATUM

Valuable for the large beds or borders and very useful where cut flowers are in demand; blooms the whole summer; also good for winter blooming; of easy culture, succeeding in any soil.

4. Little Dorrit—Flowers pure white, height 9 inches.....Pkt. 10c
5. Dwarf Blue—Fine color; dwarf habit; height 9 inches.....Pkt. 5c
6. Fine Mixed—A great variety of color, height $\frac{3}{4}$ to $1\frac{1}{4}$ feet.....Pkt. 5c

AMARANTHUS

Remarkably handsome foliage, and interesting flowers, producing a striking effect in the border as a background, or as a centre of beds. Seed may be sown in the open border in a hot-bed; transplant about the first week in June. Produces the most attractive and brilliant foliage upon poor soil; transplant to 20 inches.

491. Cruentus (Prince's Feather) — dark red feathery flowers.....Pkt. 5c

492. Tricolor (Joseph's Coat)—All colors, beautiful.....Pkt. 5c

29. Fine Mixed—A great variety.....Pkt. 5c

AQUILEGIA

(Columbine)



Charming hardy perennial plants, growing from 1 to 3 feet high, bearing in countless numbers through May and June their exquisite blossom of pure blue, white, rose, yellow, purple, striped, etc. For planting in permanent borders or naturalizing along the edges of woods or shrubbery this old-fashioned favorite is one of the best of all hardy flowers. H.P. 1 to 3 feet.

31. Double Mixed.....Pkt. 5c

SEE OUR COLLECTION OF 15 HARDY FLOWERS
ON PAGE 53

SUPERB ASTERS



Rochester Aster.

New Asternum—A beautiful new class of the Comet type, producing many flowers stems which grow directly from the parent stem close to the ground, which habit makes it conspicuous and a valuable border, bedding or pot plant, attaining a height of 18 to 24 inches. The flowers are large, with long gracefully curled petals. Unrivalled for table decorations, and particularly appreciated as cut flowers.

482. **Mixed Colors**, pink and white. Pkt. 15c

447. **Vick's Autumn Glory**—Prolongs the aster season two weeks and coming at a time when good flowers are extremely scarce. The flowers are very double, and are borne on stems of unusual length. Pkt. 25c

450. **Vick's Pink King**—The plants are very tall and crowned with massive flowers, quite unlike any other type in cultivation. Their immense size and peculiar form make them strikingly handsome and distinct. Pkt. 20c

480. **Crimson King**—The plant is vigorous of upright branching growth with strong stems eighteen inches long, carrying grand double bright-crimson flowers four inches in diameter. The blooms are invariably full centered, the center petals being beautifully twisted and incurving. Pkt. 10c

485. **Giant Ostrich Plume Mixed**—Embraces all the desirable colors in splendid mixture. A very large flowering class, the blooms of which are of most perfect shape; splendid for cut flowers. Resemble the Giant Comet Asters, as they have the same curled and twisted petals. However, the petals are longer and the whole flower larger. Individual blooms often measure 4 to 6 inches in diameter. Plants of luxurious branching habit, with flowers on long slender stems. Height 2 feet. Pkt. 10c

Early Branching—A distinct advance in the branching class, attaining the size and vigor of Late Branching and coming into flower about two weeks earlier. The whole strength of the plant is given to the development of very large and perfect flowers, which are borne on extra long stems. We offer two colors only for this season:

401. **Early Branching White**. Pkt. 15c

402. **Early Branching Rose**. Pkt. 15c

379. **Violet King**—A distinct variety; the peer of the grandest chrysanthemum.

In form, the flower is entirely new and distinct, being fantastically twisted, curled and incurved; from 4 to 5 ins. in diameter. Pkt. 10c

388. **Vick's Cardinal**—It is almost an impossibility to describe the coloring of this aster. When massed in a bed by itself, its deep vivid cardinal color is as striking as the brilliant Scarlet Salvia. Pkt. 10c

363. **Royal Purple**—Medium early, continuing until late in the fall. The flowers are large and full to the centre; color, bright purple. Pkt. 10c

364. **Purity**—A handmaid to Day-break; blooms pure white. A finer combination of colors than Purity and Daybreak cannot be imagined. Pkt. 10c

365. **Daybreak**—No private garden is complete without it; and for florists' use it is unsurpassed. Color, a lovely sea shell pink. Pkt. 10c

366. **Jubilee Mixed**—Flowers five inches in diameter. Individual plants carry 25 to 40 immense flowers. Colors beautiful, clear and rich. Pkt. 10c

13. **Giant-Flowered Dwarf Queen**—The finest Dwarf Aster. Bushy plants about 10 inches high, of compact growth; flowers measure from 3 to 3½ inches in diameter. Finest colors, mixed. Pkt. 10c

14. **Giant Comet**—Plants 18 inches high, flowers resemble Japanese Chrysanthemums, and are of very largest size. Finest colors, mixed. Pkt. 10c

375. **Vick's Branching Mixed**—This exceptionally fine aster is without a rival; is often mistaken for the chrysanthemum; stems 15 to 20 inches long; grand for cutting. One plant will cover a space 2½ feet square. Pkt. 10c

432. **Vick's White King**—The flowers are large, full centered and pure white. From any number of plants one can cut 6 to 12 flowers, stems 14 to 20 inches long. Pkt. 25c

433. **Vick's Enchantress, Pink**—The beautiful large, double flowers have the delicate shade of the Pink Enchantress Carnation. Unlike many other Pink Asters, this variety holds its soft, delicate color for a long time without fading. Pkt. 25c

These beautiful and popular Annuals are unrivalled for richness of display and profusion of flowers. They are desirable for beds, being in bloom when most other plants are nearly over, and are useful for cut flowers and bouquets. Start seed early indoors, or sow in open ground. H.H.A.

448. **Vick's Purple Rochester**—These magnificent flowers are more double and more chrysanthemum-like than those of the original Lavender Pink Rochester. The long narrow petals fall over one another in a charming cascade of color, forming a wonderfully shaggy mass that cannot be equalled for richness of effect. In addition to their great diameter, they have a most remarkable thickness, making them truly massive. A rich shade of deep purple. Pkt. 25c

376. **Mikado Pink Rochester**—The Premier of Lavender Pink Asters—Makes the fluffiest aster we have ever seen. In color it is a most exquisite shade of lavender pink. It is not uncommon to find one plant with adozen flowers from 4¼ to 6 inches in diameter. Pkt. 25c

449. **Vick's White Perfection**—We consider this the finest mid-season white aster in cultivation. The flowers are exquisite in form, and the plants are taller than those of the latter upright asters. Grown on our farm under ordinary field conditions, the flowers average four inches in diameter. When they are ready for market the entire flower is strongly whorled, producing a charming effect and making the White Perfection quite distinct from any other aster. The plants carry about twelve flowers on large stems. Pkt. 20c

New Crego—This new variety surpasses, in size and beauty, any other aster we have ever seen. The plant is well branched, grows about two feet high, and produces many long flower stems, which make this sort a very profitable one for the gardener or florist. The flowers are as fine as chrysanthemums, seldom measuring less than six inches across; of beautiful form, double, with long fluffy, gracefully curled petals.

479. **Shell Pink**, beautiful shade. Pkt. 15c

489. **Snow White**, large, pure white. Pkt. 15c

481. **Mixed Colors**, pink, white. Pkt. 15c

15. **Sample's Late-Flowering Branching**—Flowers 4 inches across, and borne on long stems. 18 inches to 2 feet high. Finest colors, mixed. Pkt. 10c

16. **Trauffaut's Paecy-Flavored Perfection**—Two feet in height, blooming very freely; the flowers are paecy-like. Colors range from pure white to scarlet, etc. Mixed. Pkt. 10c

17. **Dwarf Chrysanthemum-Flowered**—Flowers from 3 to 4 inches in diameter and very abundant; later than other varieties, therefore valuable for succession. 10 inches high. Finest colors, mixed. Pkt. 10c

378. **Lavender Gem**—The color of this variety is of delicate lavender. The feathery effect of the ostrich-feathered type, irregularly cut and slashed, so that the flowers look like a ragged chrysanthemum. Pkt. 15c

21. **Queen of the Market, Mixed**—A class of asters characterized by extreme earliness and the profusion of their flowers. Plants carry 10 to 15 large flowers. Pkt. 10c

23. **White Plume**—Plants 12 to 15 ins. high; flowers from 3 to 4 inches in diameter. Pkt. 10c

25. **New Rose, Large-Flowered, Mixed**—Robust; of great substance, 2 feet. Pkt. 10c

26. **White Varieties, Choicest Mixed**—This mixture cannot be surpassed. Height 1½ to 2 feet. Pkt. 5c

27. **All varieties, Mixed**—A good mixture of the standard varieties. Pkt. 5c

IMPERIAL MIXTURE

434. This is a mixture of the most beautiful striking and distinct colors, selected from the cream of the Trauffaut's, Victoria, Crown, Giant Comet, Hohenzollern, Chrysanthemum-flowered, Ostrich Plume, Branching Paecy Flowered, and other desirable sorts, and include many kinds especially purchased for this mixture; also the kind listed on page 18. This is the finest mixture of asters in existence, and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly unexcelled strain. Per pkt. 15c, 2 pkts 25c, 1-8 oz. \$1.00.

ALYSSUM

A desirable annual, flowering from early spring until killed by frost, and all winter in the house if sown in August. Most effective in masses of plants one foot apart.

412. **Carpet of Snow**—Emits a honey-like perfume; grows only two to three inches. Perfect carpet of snow throughout the season; 300 heads of pure white flowers open on one plant at one time. H.A. Pkt. 10c

9. **Sweet**—White flowers, fragrant, very delicate; makes a pretty border H.A. Pkt. 5c

10. **Little Gem**—Grow 3 or 4 inches high, and each plant spreads 12 to 20 inches in diameter; deliciously fragrant. H.A. Pkt. 5c

11. **Golden Saxatile**—Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high; desirable for rock work and quite showy in masses. H.P. Pkt. 5c

AURICULA

30. Beautiful low-growing, spring-flowering plants, fine for borders, pot culture, etc., the fragrant flowers of many rich colors are borne in clusters on the top of stalks, 4 to 6 inches long. H.P. Choice mixed Pkt. 10c

ARCTOTIS

(African Lilac Daisy) 2

12. **Grandis**—remarkably handsome new annual from south-west Africa; 2 to 3 feet high; flowers large and showy, being pure white on the upper surface, embellished with yellow zone, the reverse of petals pale lilac-blue; altogether a lovely flower of easiest culture. Pkt. 10c

BALSAMS



"The balsams snapped their tender pods, and threw their seeds away."

Our Balsam seed is of a superior strain saved from the most perfect flowers. H. H.A. 1½ to 2 feet.

32. **Pearce's Famous**—This is the most magnificent strain of double Balsams, ever introduced. Pkt. 10c

33. **Pearce's Superb, Double-Mixed** — One of the finest strains grown. Pkt. 10c

34. **Camelia-Flowered, Double-Mixed** — Richly varied colors, blotched and marked. Pkt. 10c

35. **Dwarf Double-Mixed**—12 beautiful colors, mixed. Pkt. 5c

36. **Fine Double-Mixed**—A good collection of colors for pots and borders. Pkt. 5c

BARTONIA AUREA

41. **Golden Bartonia**—In our opinion this is one of our brightest garden flowers, and we recommend everyone of our customers to try it. Its large and exceedingly brilliant, glossy yellow blossoms are thrown well above its gray, thistle-like foliage, and are produced in great profusion all summer, and remain in perfection until destroyed by severe frost in autumn. Light frosts do not effect them. Fine for masses or as single plants in borders. Seed should be sown where the plants are to stand, as it does not bear transplanting. H.A. 2 feet. Pkt. 5c

BETA

(ORNAMENTAL BEET)

38. Most effective bedding plant, producing large leaves of beautiful color. Frost does not kill them, only coloring them more prettily, which, until covered with snow, are objects of great beauty. Be sure to try this wonderful bedding plant this season. Pkt. 5c

BURNING BUSH

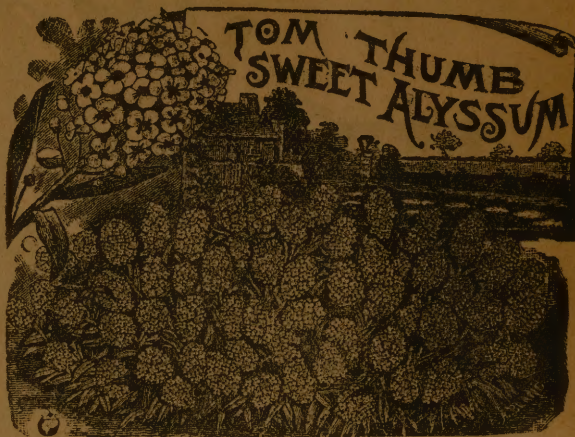
435. The plant grows freely from seed sown in the open ground when the trees are coming out in leaf, and from the earliest stage of growth in the spring until they reach maturity in the fall, the plants are always of globe-like form. The plants branch freely, and the stems are clothed with slender light green leaves. Early in the fall the ends of the shoots are thickly set with small bright-scarlet flowers—the bushy plants resembling balls of fire. The plants are equally showy planted singly to show the round, ball-like form on all sides, or grown in continuous rows or hedges. H.A. Pkt. 10c

CALENDULA

The Calendula is the fine old, well-known Marigold family, which everyone knows but may not recognize by this name. The name was given because some of the species were supposed to be in flower every month of the calendar.

47. **Prince of Orange**—This new variety surpasses in beauty the well-known Meteor. The stripes are of deeper orange and make a brilliant appearance. Pkt. 5c

48. **Fine Mixed**—Many beautiful varieties. Pkt. 5c



CANTERBURY BELLS

Ornamental garden plants of easy culture, growing 2½ feet high, bearing large, bell-shaped flowers of many beautiful shades. H.B.

56. **Cup and Saucer**—A beautiful variety, a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly four inches in diameter; form of cup, hence its name. Pkt. 10c

57. **Choicest Mixed**—Single and double. Pkt. 5c

BACHELOR'S BUTTON

(Centaurea Cyanus)

40. Also known as "Ragged Sailor," "Corn Flower," and "Blue Bottle." It is a great beauty, and a favorite in the old country. Unique little plant, forming a dense mass of foliage over which are borne many lovely blue blossoms, beautifully fringed and serrated. Pkt. 5c

CANNAS



Fine foliage plants of highly decorative character; their handsome leaves combined with their varied and richly colored flowers have an extremely fine effect. They are easily raised from seed, which should be soaked in hot water several hours.

54. **Crozy's Hybrids**—New and beautiful varieties. H.H.P. 3 feet. Pkt. 10c

55. **Choice Mixed**—Comprises all the best varieties. Height 3 to 5 feet. Pkt. 15c

Everyone who cultivates a garden helps greatly to solve the problem of the feeding of the nations.—Woodrow Wilson, President of the United States.

ORDER A BUCA CULTIVATOR THIS YEAR. IT WILL SAVE ITS VALUE IN ONE DAY'S WORK



The MARGUERITE CARNATION
BLOOMS IN 4 MONTHS FROM SOWING THE SEED.

flowering and hardy enough for out-door culture. Mixed colors.....Pkt 10c
45. **Fine Double Mixed**—Established favorites. For cut flowers. H.H.P. Pkt 10c
Height 1½ feet.
46. **Choicest Double Mixed**—This collection comprises richly scented, beautifully marked varieties. For cut flowers. Height 1½ feet.....Pkt 25c

COCKSCOMB

Magnificent, free-flowering, graceful growing plants, producing in the greatest profusion their beautiful flowers in combs and feathery spikes. Grown in pots they are one of the most elegant plants for conservatory decorations. Annual.

65. **Carter's Empress**—Most superb strain in cultivation. Height 1½ feet. Pkt 10c
66. **Glasgow Prize**—Immense crimson combs, very fine. Height 1½ feet. Pkt 10c
67. **Dwarf Mixed**—A variety of colors; very handsome. Height 1 foot.....Pkt 5c

CONVOLVULUS MINOR

(Dwarf Morning Glory)

Rich-colored, handsome dwarf, trailing plants, producing in beds and mixed borders an unusually brilliant effect. H.A. 1 foot.

61. **Tricolor, Mixed**.....Pkt 5c

COWSLIP

The well-known English Cowslip, flowering early in spring.

64. **English Mixed**—Fine colors.....Pkt 5c

CELOSIA

(Ostrich Feathers)

58. The plant grows 3 feet high, is of handsome pyramid form, and the numerous massive plumes, which resemble an ostrich feather waving gracefully above the foliage, make it one of the most effective ornamental plants for either pot or outdoor planting. It is easy of culture.....Pkt 10c



Rainbow Corn

CANDYTUFT

Everybody knows what Candytuft is, how easily it is grown and how indispensable it is in the flower garden, either for cutting or display for weeks without interruption. H.A. 1 foot.

49. **Empress**—The finest pure white variety in cultivation. It is a strong grower and produces several trusses of flowers 5 to 8 inches in length and 2 to 3 inches in diameter.....Pkt 10c
505. **Giant Hyacinth-Flowered**—Most desirable for cut-flower purposes, producing a very large, elongated head of quite large, pure white florets. The immense broad heads frequently measure six inches in length. Pkt 10c
50. **Sweet-Scented—White**.....Pkt 5c
51. **Crimson**.....Pkt 5c
52. **Fine Mixed**—A choice Mixture.....Pkt 5c

CALLIOPSIS

Many of our most showy flowers are slighted because they are common and grow anywhere without trouble or care, almost like weeds. One of these is the Calliopsis. Were it a new thing just introduced, it would be considered a novelty of rare excellence.

43. **Mixed Colors**—Nearly every shade of yellow, orange, crimson, red, brown. H.A. Pkt 5c

CARNATIONS

Carnations are general favorites for their delicious fragrance and diversity of color. With the exception of Marguerites, they will very seldom bloom the first season, but with a little protection will stand the winter well and flower profusely the following May or June.

44. **Marguerite, Early Flowering**—This class excels in all respects. It is the most profuse bloomer of any of the "Pinks." Exquisite in color, showing beautiful shades in white, red, pink, variegated, etc. Large size, perfect form, dwarf habit, compact and robust; flowering in a few months from seed. They can be potted and taken into the house and will flower abundantly throughout the winter. Mixed.....Pkt 10c

392. **Chaubaud's Giant Flowering**—These latest and best creations of Mons. B. Chaubaud, the famous French "Carnationist," surpass all the race in richness and variety of coloring, the combinations of which are surprisingly beautiful. Now we have Fancy Pinks flowering continuously after six months from sowing, immense double blossoms perfuming the air with sweetness; of incontestable merit for winter



Plumed Cockscomb—Thompson's Magnifica

One of the most attractive and graceful of old-fashioned flowers, easily grown, and flowers freely and continuously; height 2 to 3 feet. Flowers excellent for cutting.

59. **Cyanus, Mixed**—Dark and light blue, purple, pink, rose, etc. H.A. 2 to 3 feet.....Pkt 5c

CHRYSANTHEMUM

One of the prettiest annuals grown. The colors have the appearance of being laid on with a brush, and for this reason they are frequently called "Painted Daisies," and are indeed very charming. Sow seed early in open ground and they will bloom profusely in summer.

60. **Fine Mixed**—Certain to produce splendid flowers. 2 feet.....Pkt 5c

PLUMED COCKSCOMB

398. **"Thompson's Magnifica"**—A very superior type of the popular Ostrich-Plumed Celosia or Cockscomb, forming pyramidal branching plants 3½ feet high, and bearing unusually large conical plumed heads of either golden-yellow, fiery-scarlet, purple, salmon, etc. The plants are annuals, growing easily and quickly from seed and present a very showy appearance in your garden, lasting long in bloom. Mixed colors.....Pkt 10c

RAINBOW CORN

459. The stalks, including tassel, grow to five and a half feet tall, and are clothed with many variously variegated leaves three inches wide and two feet long. The leaves (both on main stalks and suckers) are all superbly striped with broad bands of crimson yellow, rose, white and bronze. The small hardy seed can be planted early, and, as it does not ripen until very late, the plants present their rich tropical beauty for a long season. It is the result of long-continued, painstaking care on the part of Luther Burbank, who says of it: "Beautiful as the most beautiful Dracaenas. This has been on exhibition by the California Development Board during the past season and has been the admiration of everybody. Nothing like it for decorative purposes, either for garden or for cutting." It is as easily grown as common field corn. Per pkt 10c, ½ oz 20c, per oz (about 300 seeds), 35c



DAHLIA

The Dahlia is well-known, but few are aware that if the seeds are sown early in the spring they will bloom the first year. The seed which we have to offer is of the finest strain, and produces magnificent flowers of large size and richest shades.

68. **Finest Double Mixed**—Every variety color. T.P. 4 feet.....Pkt 10c
 69. **Single Mixed**—All colors, grand border flowers. 4 feet.....Pkt 5c

DELPHINIUM

(Perennial Larkspur)

The Perennial Delphiniums are valuable plants; foliage clean and pretty; habit strong and good; flowering branches often four feet high, flower spikes six inches or more in length. Propagated by division of roots and from seed. Strong plants will be produced by fall that will flower next spring.

80. **Finest Double Mixed**.....Pkt 10c

DIGITALIS

(Foxglove)

When well grown this is quite a stately plant, with flower stems 3 feet in height. The flowers are thimble-spotted. H.P.

75. **Menstrosa, Mixed**—Spike of enormous flowers.....Pkt 5c

DATURA

(Or Trumpet Flower)

70. **Cornucopia (Horn of Plenty)**—For a showy plant Datura is excellent. The grand trumpet-shaped flowers measure from 7 to 9 inches in length and nearly 6 inches across, and form two distinct trumpets, growing one within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple.....Pkt 10c

DIAMOND FLOWER

76. A dainty little annual with tufts of tiny foliage and beautiful little white and violet-blue flowers that bloom within a month from time seed is sown. It will grow in the open ground over rock work, or in pots, never exceeding three inches in height and rarely two. The tiny flowers have a glistening sheen that has given them their name of Diamond Flower, and being surrounded by a wreath of bright green foliage, they show to wonderful advantage. For pot culture in winter it is just superb. Sprinkle a few seeds in a small pot or saucer, or in pots where other plants are growing, and within one month you will have the most charming of foliage and flowers covering the surface of the soil—like moss—you ever saw.....Pkt 10c

DIANTHUS

(Pinks)

This genus of plants is one of the most brilliant of our garden flowers, and gives universal satisfaction. Very fragrant and desirable for bouquets.

407. **Eastern Queen**—Single Annual beautifully marbled; broad bands of mauve on a paler surface, making the flower exceedingly striking and pretty.....Pkt 10c

408. **Crimson Belle**—Single annual. A rich crimson dianthus of large size and good substance, evenly and finely fringed.....Pkt 10c

409. **Salmon Queen**—Single Annual, with large, well-formed, fringed flowers of a brilliant salmon color. Flowers change to a salmon rose when fading. A variety quite distinct from all other sorts, and of exceeding merit.....Pkt 10c

410. **White Frills**—Single flowered, with bloom of pure, dazzling white, 2½ inches across. The petals are so deeply lacinated or fringed that the flowers appear double, and the effect is wonderfully beautiful.....Pkt 10c

411. **Mourning Cloak**—A double dianthus of so dark a maroon to be almost black. Every detail is faintly bordered with white, wholly relieving the flower of a sombre appearance. The size is about 2½ inches, and the texture is extremely rich.....Pkt 10c

71. **Chinensis, fl pl Mixed (Double Indian Pinks)**—A great assortment. Ht. 1 foot Pkt 5c

72. **Hedewigii, fl pl, Mixed (Double Japan Pinks)**—The grandest Pinks. Ht. 1 foot.....Pkt 5c

73. **Choicest Mixed**—The above and many others. Height 1 foot.....Pkt 5c

HARDY PERENNIAL PINKS

These hardy varieties are well adapted for beds and borders, delightfully sweet-scented. Should be in every garden where cut flowers are wanted.

74. **Plumaris (Pheasant-Eye)**—A beautiful, single, hardy pink, with fringed-edged white flowers, with a dark centre.....Pkt 5c

EDELWEISS

(Snow Flower)

82. The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silvery-white and star-shaped. Succeeds in almost any not too rich soil, with full exposure to the sun.....Pkt 10c

ESCHSCHOLTZIA

(California Poppies)

Showy summer flowering plants, large saucer-shaped flowers of striking brilliancy in the sunlight. They flower profusely throughout the season.

81. **Golden West**—The flowers of these new giants measure from four to six inches in diameter. The colors are intense and shining yellow. In some an orange blotch almost suffuses the whole flower; in others it runs into the yellow in fine pencilled lines; others again have an orange centre with a margin of clear yellow.....Pkt 10c



AFRICAN DAISY

445. **Golden Orange**—Extremely showy annual. Quite unique in color. The hardy plants of neat branching habit grow only twelve to fifteen inches high, and are exceedingly profuse in flowering. Its Marguerite-like blossoms, 2½ to 3½ inches in diameter, are of a peculiarly rich, glossy, orange-gold. Its striking brilliant coloring is rendered even

more conspicuous by the dark colored disc surrounded by a black zone. It bears its pretty flowers very early after being planted out in the open ground in sunny situations, and will continue to bloom abundantly during the entire summer. A bed in full bloom is truly a magnificent sight.....Pkt 10c

DOUBLE DAISY

(Bellis Perennis)

As an edging for shady borders and as pot plants, these handsome hardy perennial are unsurpassed. The strains we offer are remarkable for their size and doubleness of their flowers, and much superior to those generally offered. P. ½ foot.

77. **Longfellow**—Large double pink flowers.....Pkt 10c

78. **Snowball**—Large and very double snow-white daisy; excellent for cutting.....Pkt 10c

79. **Double Mixed**.....Pkt





Annual Everblooming Hollyhock

LEMON VERBENIA

94. The plants grow about two feet high, branching freely, each branch terminating in a pyramid of small white flowers. The leaves have a delicate lemon-like fragrance. Pkt 10c

LOBELIA

Pretty, profuse blooming plants of great value to the flower garden. Their delicate, drooping habit and the profusion of their charming little flowers render them extremely ornamental. Very fine for hanging baskets. H.H.A.

96. *Erinus Gracilis*—Dark blue. Height 2 feet. Pkt 5c

97. *Erinus Speciosa*—Blue, with white eye; used at Crystal Palace and other public gardens. Height 6 inches. Pkt 10c

98. *Choice Mixed*—For beds, edgings and pots. All colors. Height 6 inches to 1 foot. Pkt 5c

LARKSPUR

Well-known annuals of great beauty and noted for richness of colors.

99. *Dwarf Double Rocket, Mixed*—Improved by culture; for clumps. H.A. Height 1 foot. Pkt 5c

100. *Double Emperor Mixed*—A new strain obtained by selection. H.A. Height 1 foot 6 inches. Pkt 5c

LINUM

(Scarlet Flax)

95. *Coccineum*—One of the most showy and effective bedding plants of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers. 1 foot H.A. Pkt 5c

FORGET-ME-NOT

83. *Myosotis*—Popular and charming little plants, bearing delicate blue flowers, which are highly prized for their beauty. Pkt 10c

GAILLARDIA

(Or Blanket Flower)

These are undoubtedly among the choicest of hardy perennials the flowers are large, very numerous, excellent for cutting and the most brilliant shades of orange, crimson, scarlet and vermillion, and a combination of all these colors.

84. *Many Colors Mixed*..... Pkt 10c

GERANIUM

Yes, you can grow good Geraniums from seed, and, as they sprout, the gardener is frequently rewarded by charming new varieties, especially if this new strain of seed is used. They are *Giant Flowering*. The colors are all shades of crimson, scarlet, salmon, pink, rose, snowy white. They will bloom more quickly if planted in light, sandy soil. H.H.P.

85. *Giant Flowering Mixture*..... Pkt 10c

GODETIA

Handsome and showy annuals, about 1 foot high, of dwarf, compact growth, bearing freely large flowers 3 to 4 inches across.

86. *Choicest Mixed*—Compact habit; contains many kinds..... Pkt 5c

HOLLYHOCKS

The plants are stately in appearance, the flowers brilliant in color and delicate in texture. Blooming plants can be raised the first year as easily as plants of *Zinnia* or *Marigold*. All that is necessary is to start the seeds in a box in the house in February or March. About May 1st transfer to permanent place in garden, where they will produce elegant spikes of flowers in August and September, blossom freely second year also.

87. *Chater's Superb Mixed*—An unequalled mixture of 17 prize varieties..... Price 10c

88. *Choice Double Mixed*—A fine collection..... Pkt 10c

389. *Annual Everblooming*—Seeds sown in May will flower in August. Maroon, black, pink, rose, canary, yellow, crimson, apricot with garnet throat, plush with carmine lacings, white, scarlet, magenta, etc. They flower profusely until frost. Remember, these are annuals..... Pkt 10c

MONKEY FLOWER

109. *Monkey Flower*—Tender-looking plants with similar shapes and brilliant-colored flowers, blotched and spotted in every conceivable manner. Excellent for baskets and vases. They thrive well in the open garden if planted in partial shade..... Pkt 10c

MARIGOLD

These annuals are old favorites in our garden, but have been greatly improved in size and doubleness of flowers. Effective for massing.

399. "*Lemon Ball*"—The color is a clear canary-yellow; resembles large double yellow dahlias. Flowers will measure four inches across; excellent for cutting. As easily grown from seed as the common marigold..... Pkt 10c

103. *African Double Mixed*—Fine blossoms; height 1 to 2 feet. Pkt 5c

105. *French Double, Mixed*—A fine mixture; height 1 to 2 feet. Pkt 5c

**HIBISCUS**

89. *Giant Golden Bowl*—6 to 9 inches in diameter. Their color is a rich, deep cream with a velvety crimson and maroon centre. Plants from 3 to 5 feet high; 10 to 20 gigantic bell-shaped flowers at one time. They commence to bloom when the plants are quite young and continue until late in the fall. H.H.P. Pkt 10c

90. *Crimson Eye*—Immense flowers, pure white, large, crimson eye, often measures 7 inches in diameter, and a plant will often have as many as 50 of them. It blooms from seed first year; sown in the open ground. H.H.P. Pkt 10c

ICE PLANT

91. *Pretty trailing plants*, with curious succulent leaves and stems. Fine for hanging baskets..... Pkt 5c

MARTYNIA

Fine summer blooming garden plants with *Gloxinia*-like flowers of many handsome colors followed by curiously-horned fruit. Sometimes called *Devil's Claws*. When young the seed pods are very fine for pickling. H.A.

421. *Fine Mixed*..... Pkt 5c

MARVEL OF PERU

(Four O'Clock)

Flowers open in the afternoon, hence the name "*Four-O'Clock*." Old-fashioned, but none the less beautiful. The plant is large and requires 4 feet of space; makes a pretty hedge; flowers are funnel-shaped; very fragrant.

107. *Fine Mixed*..... Pkt 5c



"LEMON-BALL" MARIGOLD,—
from a Photograph.

MIGNONETTE

A universal favorite on account of its delicate fragrance. Good for pots or garden culture. If thinned out produces stronger plants and better blooms. Sow at intervals throughout the summer for a succession of bloom.

111. **Goliath**—Claimed by experts to be the most beautiful Mignonette in existence; giant trusses of flowers borne erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture. Pkt. 10c

112. **Golden Machet**—This variety has all the excellencies of the popular Machet Mignonette; strong, compact habit, bearing long massive spikes of golden yellow flowers. Pkt. 10c

113. **Allen's Defiance**—Spikes from 12 to 15 inches long, delicately fragrant. Spikes have been kept three weeks after cutting, retaining their fragrance till every bud opened. Pkt. 10c

114. **Sweet (Reseda Odorata)**—Too well known to need comment. Height 2 ft. Lb. \$1.50, ¼ lb. 50c, Oz. 15c. Pkt. 5c

115. **Machet**—Spikes of bloom richly colored, dark foliage, fine for pots. Height 9 inches. Pkt. 10c

116. **Hybrid Spiral**—One of the finest; free bloomer. 1 foot. Pkt. 5c

117. **Large Flowering**—Long spikes highly scented. 1 foot Pkt. 5c

118. **Golden Queen**—Golden colored flowers; scented. Pkt. 5c

119. **Crimson Victoria**—New, distinct deep color, exquisitely scented. Height 1 foot. Pkt. 5c

493. **Mixed varieties**—All the above and many more. Pkt. 10c

MUSK PLANT

A well-known and favorite plant both for outside borders and for pot culture in spring. Cultivated on account of the musky odor of the plant. 110. **Mimulus Moschatus**. H.H.A. Pkt. 10c



MIMOSA (Sensitive Plant)

Well-known annuals of great beauty and richness of colors.

99. **Dwarf Double Rocket**, Mixed—Improved by culture; for clumps. H. A. Height 2 feet.

120. **Pudica** Pkt. 5c

NICOTIANA

The plant is literally covered with large, white, star-shaped flowers, which, after being cut, will remain perfect for a week. A few plants will perfume the whole yard or garden. H.H.A. 121. **Affinis** Pkt. 5c

PETUNIA

Richness of color, duration of bloom and easy culture will always render them welcome and popular. They will do well sown in open border in the spring or earlier in cold frame or hotbed and transplanted 18 inches apart. By the latter process they will come into bloom much earlier.

146. **Double-Flowered**—Seed is saved from plants grown in pots, carefully hand fertilized and will produce grand flowers. Of course, everyone knows that only a certain percentage of double may be expected from seed, but our mixture will produce from 65 to 70 per cent. of double flowers. Pkt. 30c

147. **Giants of California**—This strain originated in California, flowers ruffled or fringed and measure from 4 to 5 inches across. The great variety of color blotchings, stripings and veinings make fantastic and beautiful combinations, deep throats of yellow, white, black, green or maroon, running off into intricate veins. Pkt. 20c

148. **Yellow-Throated**—Beautiful variety, with deep, broad yellow throat. Pkt. 20c

149. **Large Flowering, Superb Mixed**—Twice the size of the old sorts; beautiful. Pkt. 10c

150. **Striped and blotched**—A fine strain; very large perfect flowers. Pkt. 15c

151. **Hybrida Mixed**—Contains varieties all colors, for pot or gardens, ¼ oz. 25c. Pkt. 5c



NASTURTIUMS (Dwarf)

Excellent for massing and ribboning, doing well even in poor soil. The tall varieties (see Climbers) are elegant plants for verandahs, trellises, etc. Seed pods can be gathered while green and tender for pickling. H. A.

400. **Giant of California**—Flowers often three inches across; a great variety of colors. The plants form perfect mounds about one foot high by one foot across. Choice colors, mixed, ¼ oz. 25c. Pkt. 10c.

123. **Dwarf Chameleon**—Unique in bearing flowers of quite distinct colorings on one and the same plant, some clear, deep crimson others blotched on light ground and others mottled. Oz. 25c, Pkt. 5c

124. **Pearl**—Light cream color, the nearest to a white yet obtained. Height 1 foot. Oz. 15c. Pkt. 5c

125. **Spotted**—Orange with chocolate spots; a pleasing contrast to other kinds. Height 1 foot. Oz. 15c. Pkt. 5c

126. **Scarlet**—Fine, orange-scarlet, the freest bloomer of all; fine for vases. Height 1 foot. Oz. 15c. Pkt. 5c

127. **Crimson**—Fine dark crimson-maroon; a dense bloomer; very effective. Height 1 foot. Oz. 15c. Pkt. 5c

128. **Beauty**—Handsome variety, golden-orange, bright scarlet spots. Height 1 foot. Oz. 15c. Pkt. 5c

129. **Empress of India**—A sensational variety; brilliant crimson. Height ¾ foot. Oz. 15c. Pkt. 5c

130. **King Theodore**—Remarkable appearance; dark chocolate crimson. Height ¾ foot. Oz. 15c. Pkt. 5c

131. **Lady Bird**—Golden, with a frame of ruby crimson on each petal. Height ¾ foot. Oz. 15c. Pkt. 5c

132. **Ruby King**—A novel color; rich ruby rose. Height ¾ foot. Oz. 15c. Pkt. 5c

133. **Tom Thumb Mixed**—Comprises the above and a great many more varieties. Height ¾ to 1 foot. Oz. 10c. Pkt. 5c



Giants of California

PANSY

Pansies are a specialty with us, and we use the greatest care in growing, selecting and importing the best strains of these universal favorites.

403. Matchless—We offer this year our Matchless form of Giant Pansies. They range from a golden yellow, beautifully blotched and edged, to an exquisite rich claret and reddish bronze, the surface beautifully shaded with a rich silk velvety sheen. These lovely shades of color must be seen in their natural state to be fully appreciated. The blooms are of immense size, with grand substance and free from any flimsiness.....Pkt. 25c

135. Perfection Mixed—Includes many of the rare and expensive varieties, such as Bugnot, Odier, Cassier and Trimar-deau types. For a charming display of show or exhibition Pansies, you should at least try a packet of Perfection.....Pkt. 25c

394. Hercules Giant—Enormous flowers are of thick, heavy texture. The coloring and markings are widely varied, some flowers being almost self-colored in the richest tints of purple, carmine and brown, relieved by delicate shading of a brighter or contrasting color; others are boldly margined with white, cream, golden yellow or soft rose; while still others have silvery grounds, blotched at base of petals with a dark rich shade.....Pkt. 25c

385. Phenominal—A beautiful and very showy mixture strain of Pansy, having flowers of the largest size, finest, full-rounded form, of most beautiful and strong colorings. While a few of the large flowers are self-colored (that is, they have all five petals in one color, but distinctly rayed with rich lines and veinings), the majority have the three lower petals of lighter color than the two larger upper ones. Dark rich shades are distinctively outlined with narrow margin of silvery white.....Pkt. 15c

134. Rainbow Strain—We have boasted for many years past that our Rainbow Strain was unapproachable, that, in fact, no grower had as yet succeeded in producing a Pansy so fine in color, delicate in penciling and so uniformly large in size as our own. After repeated trials with samples from well-known specialists in Pansy growing, we are satisfied that our Rainbow Strain still retains its superiority above all others. This mixture contains by actual count 60 distinct shades and colors.....Pkt. 25c

137. Trimar-deau, Mixed—Very large flowers; fine mixed.....Pkt. 10c

138. Cassier's Giant Mixed—Rich and lovely.....Pkt. 15c

139. King of Blacks (Dr. Faust)—The

blackest Pansy grown; nearly black.....Pkt. 10c

140. Snow Queen (Candidissima)—The finest white Pansy ever introduced.....Pkt. 10c

141. Gold Margined—A fine contrast to other varieties; large-flowered, showy.....Pkt. 10c

142. Lord Beaconsfield—Purple - violet shading to white; has to be seen to be appre-

ciated.....Pkt. 10c

143. Very Large Flowering, Mixed—Many colors; selfs, striped and spotted.....Pkt. 10c

144. Finest Mixture—25 shades and colors from one of the best growers.....Pkt. 10c

145. Fine Mixed—Will not produce such large and perfect flowers as No. 144.....Pkt. 5c



Hercules Giant Pansy



Phlox Drummondii

PHLOX DRUMMONDII

These flowers are of extreme beauty their long duration in bloom combined with their richness of color, renders them of invaluable service in the general flower garden.

172. Star Phlox—This variety must be regarded as decidedly unique. While the petals of all other Phloxes are entire this variety is partly fringed and partly toothed; the central teeth of the petals are five or six times as long as the lateral ones, projecting like little spines, giving the flowers a regular star-like form. The beauty of the flower is enhanced by a white margin which borders the edge of the petals. There are many distinct colors.....Pkt. 10c

173. Flora Alba—Large, pure white flowers Chaste. H. A. 1 foot.....Pkt. 10c

175. Grandiflora Mixed—Large-flowering kind. Height 1 foot, 1/4 oz. 40c.....Pkt. 10c

176. Fine Mixed—Sixteen different shades. 1/4 oz. 30c; Pkt. 5c

PERENNIAL, or Hardy Phlox

The varieties of the Perennial Phlox are among the choicest of flowers for bedding and border plants. They are hardy and need no protection; will flourish in any kind of soil, succeeding better, however, in deep, rich, rather moist ground.

177. Mixed Colors.....Pkt. 10c

POPPY

Having for years been crowded out of our gardens by the swarms of newcomers and forgotten, it has, never-theless, kept pace with the march of improvement, and now comes round and surprises us with its new forms, new sizes, new colors

154. Dwarf Shirley—The seedlings grow into bushy little plants about 18 inches high and all ablaze with innumerable flowers of rose, chamois, scarlet and salmon, some having a distinct light bordering to the petals, all with yellow stamens and all thrown up well above the foliage.....Pkt. 10c

156. Golden Gate—Striped, blotched, edged and bordered on both single, semi-double and double flowers. No sight calls forth more expressions of wonder than a large block of these Poppies, with thousands of open flowers, of which seemingly no two are alike.....Pkt. 5c

157. American Flag—Beautiful new variety, flowery, very large and double; snow-white, bordered with scarlet; foliage bluish green.....Pkt. 5c

158. Daneburg—Double, deep red, petal marked at base with white blotch.....Pkt. 5c

159. Carnation Flowered—Double, of large size, and in great variety of colors.....Pkt. 5c

160. Mikado—Pure white at the back; the fringed edges are of brilliant scarlet.....Pkt. 5c

161. Paeony Flowered—Size and color are equal to Paeonies. Mixed colors.....Pkt. 5c

162. Snow Drift—Pure White, grand Pkt. 5c

163. Tulip—A dazzling variety, resembling the tulip in shape; color intense scarlet.....Pkt. 5c

164. Grandest Mixed—An elegant mixture of standard and novel varieties.....Pkt. 5c

382. Giant Double—Almost every tint that one can conceive may be found in these brilliant Giant Double Poppies, and when grown in the large masses the floral panorama is of almost unimagined beauty. They are of the earliest possible culture; the seed only needs to be sown thinly in May in the garden or border where the plants are to remain.

Brilliant Mixture.....Pkt. 10c

HARDY PERENNIAL POPPY

165. Iceland (P. Nudicaule)—These are a variety of graceful, neat habit, with bright green fern-like foliage formed tufts, from which issue tender stalks about 12 inches in height, bearing yellow, white or orange scarlet flowers in endless profusion, and most useful for cutting. Mixed colors.....Pkt. 10c

166. Orientals (The large Oriental Poppy).—A charming, flowering hardy plant, producing numerous leafy stems about 2 1/2 feet high, with large, deep crimson flowers, having a conspicuous black blotch on each petal, exceedingly showy.....Pkt. 10c



Giant Double Poppy

PENTSTEMON

(Beard Tongue)

494. It grows two to three feet high, producing long spikes of white, pink, scarlet, blue, etc., spotted and marked flowers. If sown early they will bloom the first year. The graceful spikes are bedecked with flowers from July till frost. H.P. Pkt. 10c

POLYANTHUS

A pretty plant for borders and rockwork. Succeeds well in any garden soil. H. P. 1 foot.

178. Fine Mixed.....Pkt. 10c

PORTULACA (Rose Moss)

There is scarcely any flower in cultivation that makes such a dazzling display of beauty. They are in bloom from about the first of July till killed by the frost in the autumn. H.A. 6 inches.

157. Finest Single Mixed—Splendid colors, large flowered. Pkt. 5c

168. Choice Double Mixed—Improvement on the other kinds in size.....Pkt. 10c

PYRETHRUM

It would be well to sow seed under glass, but we have grown it by sowing seed in the open ground. A good pyrethrum is as desirable as a good Aster, quite as large. H.B.

171. Golden Feather—Prized for yellow foliage.....Pkt. 10c

RICINUS (Caster-Oil Bean)



One Plant of Ricinus Zanzibarensis

Semi-tropical plants, grown largely for their picturesque foliage. Plants are surmounted by large spikes of flowers and brilliantly colored seed-pods. Brilliant bronzy-red maroon; stalks nearly black.

Zanzibarensis—The plants attain a height of twelve to fourteen feet. The enormous leaves, beautifully lobed, measure two and a half to nearly four feet across. Each plant makes a perfect pyramid of foliage, with gigantic leaves.....Pkt. 10c

179. Borboniensis Arboreus—Dark green foliage. H.H.A. 15 feet.....Pkt. 10c

180. Gibsoni—Dark purplish red foliage and stem; fine for lawns. 6 feet.....Pkt. 10c

181. Campodgensis—Palm-like leaves of bronzy-red. 6 feet.....Pkt. 10c

Sanguineus—Red stalks; scarlet fruit.....Pkt. 10c

182. Fine Mixed—Ornamental until destroyed by frost. 6 to 15 feet.....Pkt. 5c

SALVIA

The Salvia or Flowering Sage is a very ornamental plant flowering in spikes of fiery red and continues to blossom in open ground till frost, when the plants can be removed to the greenhouse and continue to bloom a long time. H.H.P. 3 feet.

188. "Bonfire" (Clare Bedman)—This is one of the finest Salvias ever introduced. It differs from all others, growing in a compact bush about 2 feet high by 2 feet in diameter. Its erect spikes of flowers of brilliant scarlet attract immediate attention in the garden, and it is one of the most effective and gorgeous plants in cultivation.....Pkt. 10c

189. Burning Bush (Salvia Splendens Grandiflora)—This variety forms strong, sturdy bushes, 2½ feet high, and bears individual spikes of flowers, many of them being over 18 inches in length; color intensely rich scarlet.....Pkt. 10c



SALVIA—Continued

190. Splendens (Scarlet Sage)—Most gorgeous plants, with intensely vivid scarlet flowers. The flower spikes are 10 to 12 inches in length.....Pkt. 5c

191. Patens—The brightest and purest of all blue flowered plants. A nice contrast with the scarlet.....Pkt. 10c

192. Coccinea—Brilliant crimson-scarlet.....Pkt. 5c

193. Argentea—Fine, pure white, comes true from seed.....Pkt. 5c

SALPIGLOSSIS

Very showy bedding or border plants, with richly-colored, erect funnel-shaped flowers. The colors are beautifully marbled and penciled purple, scarlet, crimson, yellow, blue and almost black. H. H.A. 1½ ft.

183. Emperor—It is a very great improvement on the older type in its increased size of flowers, their improved shape and large variety of colors; beautiful.....Pkt. 10c

184. Tall Mixed.....Pkt. 5c

185. Dwarf Mixed.....Pkt. 5c

SCABIOSA (Mourning Bride)

Is not so generally cultivated as it deserves. Very free bloomers, effective for garden decorations, and valuable for cutting purposes.

194. Snowball—Beautiful pure white double flowers. H. A. Height 2 ft.....Pkt. 10c

195. Tall Mixed—A splendid mixture. Height 2 feet.....Pkt. 5c

196—Dwarf Mixed — Free bloomers. Height 1 foot Pkt. 5c

SWEET WILLIAM

A beautiful class of free-flowing plants of extreme richness and diversity of colors. Produce fine effects in beds or mixed flower borders. H.P. Sow early.

186. Finest Double Mixed—Our strain is the finest.....Pkt. 10c

187. Auricula-Flowered—Excites praise wherever grown.....Pkt. 5c



Emperor Salpiglossis (Velvet Flower)

The Unique Red Sunflower

490. The plants vary in height from five to eight feet and throw out many side branches. The flowers are very numerous, of good form, usually having large long rays and small discs. The heads vary greatly in size—some are only two or three inches across while others are a foot or more. The color varies greatly—some plants produce flowers of a rich chestnut-red, others red flowers tipped with yellow, others washed with red. This variety in size and color makes a hedge or border of this annua! especially interesting and attractive. Some few seeds will produce plants bearing yellow flowers—the bees, doubtless, have crossed some with pollen from the wild yellows. The plants likely to produce yellow flowers have no purple in stem or leaf and can be destroyed when seedlings. Pkt. 10c.

THE "RED SUNFLOWER" is such a unique Novelty that the English introducers were justified in charging 1s. 6d. and 2s. 6d. per packet last year.

SUNFLOWER



Globe of Gold

VIRGINIA STOCKS

Beautiful, free-flowering annuals, desirable for beds, baskets or edgings.

219. Mixed colors.....Pkt. 5c

VIOLETS

217. Corunta Mixed (Butterfly Violet)—Splendid variety of the "Bedding Pansy." The colors are mauve, yellow, white, lilac, blue, etc., exceedingly lovely. A group in flower looks like a mass of butterflies: easily raised from seed.....Pkt. 10c

218. Odorata (Sweet Violet)—Well-known fragrant, early spring blooming plants; thriving best in summer in a shady situation, in a rich, deep, soil; seed takes from 3 to 6 months to germinate. Single blue and white mixed.....Pkt. 5c



Henderson's Mammoth Verbena

SUNFLOWER

212. "Cut and Come Again."—Exceedingly popular for display in the garden and for cut flowers; pyramidal bushes 3 to 4 feet high; the perfectly formed single flowers. 3 to 4 inches across, are borne on long stems. They are easily grown, commencing to flower in six weeks from seed.....Pkt. 5c

214. Globe of Gold—Unlike all others but few flowers could be so beautiful. They form erect, well-balanced plants, not exceeding 40 inches in height. Each of the numerous branches produces large densely-double, globe-shaped flowers of deep rich golden yellow color.....Pkt. 5c

215. "Stella."—The flowers are 1½ to 3 inches across, single; are borne on long stems and of purest golden yellow with black disc. It is a splendid flower for cutting and equally as valuable for flower groups or as a solitary plant on the lawn.....Pkt. 5c

216. "Orion"—Similar in growth to Sunflower Stella, but differs from it in having twisted or fluted petals, similar to those of the Cactus Dahlias, that gives it a remarkably graceful appearance.....Pkt. 10c

STOCKS

Unsurpassed for bedding, massing, edging or pot culture, being very free and long bloomers, and of much diversity and brilliancy of color. H.H.A.

197. Princess Alice (Cut and Come Again)—A fine perpetual blooming stock. Its most valuable feature is that it provide flowers during September and October, when other varieties have faded. Double pure white fragrant blossoms, and is excellent for cutting.....Pkt. 10c

198. Snowflake Ten-Week—Large and very double, snow-white flowers, admirably adapted for forcing. H.H.A. Height 1 foot.....Pkt. 10c

199. Dwarf Bouquet Ten-Week—Mixed—Large double flowers, 6 inches.....Pkt. 10c

200. Large Flowering Dwarf Ten-Week—Mixed, improved dwarf variety, increased size of bloom. Height 1 foot.....Pkt. 10c

201. Giant Perfection Ten-Week—Mixed, Long spikes, perfect double flowers. Height 2½ feet.....Pkt. 10c

202. Fine Double Dwarf German Ten-Week—Mixed, 25 colors. Height, 1 foot.....Pkt. 10c

203. Dwarf Ten-Week—Mixed—A very good mixture, about 50 per cent. double. Height 1 foot.....Pkt. 5c

SWEET PEAS

TALL SWEET PEAS—Page 29.

VERBENA

No plant is more generally cultivated or more eagerly sought after than the Verbena. They flower perfectly well from seed sown in spring. H.H.A.

386. Burbank's Mayflower—Flowers are of extra large size, and more pronouncedly fragrant than in any other strain in cultivation. This strain is fully equal to the best for bedding purposes.....Pkt. 10c

220. Moss Verbena—This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue blossoms in lavish profusion, comes into flower in June and continues until frost. For beds, baskets, or rockeries it is highly desirable.....Pkt. 10c

221. Venosa (Hardy Garden Variety)—This variety is now largely used for bedding purposes. It is a strong, thrifty grower, about 1 foot high and covered from early summer until late fall with its bright purplish heliotrope flowers.....Pkt. 5c



Red Sunflower

222. Henderson's Mammoth—Average trusses measure 9 to 12 inches in circumference. They bloom freely, are vigorous in growth, and our mixture contains all of the beautiful new colors and shades.....Pkt. 10c

223. Candidissima—Immense trusses of pure white flowers; splendid bedder. Ht. 1 foot.....Pkt. 10c

224. Defiance—Scarlet; for bedding or pots. Height 1 foot.....Pkt. 10c

225. Hybrida, Finest Mixed—Superb colors; 1 foot.....Pkt. 10c

226. Hybrida Mixed—A very good variety. Height 1 foot.....Pkt. 5c



Giant Perfection Stock

'WALLFLOWER

Well-known hardy plant producing fragrant flowers of various colors.

227. Double, Mixed—Grand flowers, rich colors. Height 1½ feet.....Pkt. 10c

228. Single Golden-Yellow—The old-fashioned, highly perfumed variety; color, rich, golden-yellow. Height 1½ feet.....Pkt. 5c

ZINNIAS

229. Giant Mammoth, Mixed—This is a mixture of the largest Zinnias yet obtained, plants being of vigorous growth, about 3 feet high and very profuse of bloom. The flowers are extremely double and very brilliant color.....Pkt. 5c

230. Crested and Curled—Flowers are large and double, the petals being twisted and curved into most graceful forms.....Pkt. 5c

231. Zebra Mixed—Hardly two plants produce flowers alike. Height 2 feet.....Pkt. 5c

234. Choice Double Mixed—Cannot be surpassed. Height 1½ feet.....Pkt. 5c



ADLUMIA

(Mountain Fringe or Alleghany Vine)
235. *Cirrhosa*—A graceful hardy biennial climber, but, as it resows itself year after year, it might be considered perennial; the feathery foliage closely resembles that of the Maidenhair Fern; the flowers are tube-shaped, flesh-colored, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable.....Pkt. 10c

AMPELOPSIS

"Boston Ivy," or Japanese Ivy, is a most beautiful climber, clinging very firmly to the side of a house or wall. H.P.
236. *Veitchi*.....Pkt. 10c

CANARY BIRD FLOWER

237. One of the most beautiful of climbers, with delicate foliage and curious bright-yellow flowers, resembling the canary bird in shape and color.....Pkt. 5c

CLEMATIS

Well-known and universally admired climbers, some of the varieties being remarkable for the beauty of their blossoms. Fine for covering arbors, verandahs, etc., as they cling readily to almost any object. Most of the kinds are hardy, herbaceous perennials, but some little protection in northern latitudes through winter is advised. 238. Choice Mixed.....Pkt. 5c

COLUMBIAN CLIMBER

239. The most superb of all climbers. A rapid grower, of easy culture and always a mass of exquisite green, showing no bare spots. It produces large and handsome bell-shaped blossoms in the greatest abundance. It is also a very fine house climber, and will do exceptionally well running over windows, etc. An abundance of beautiful flowers, green at first, but rapidly changing to a beautiful deep violet-blue. A well-established plant will run from 30 to 40 feet in a season. It grows and flourishes everywhere. H.A.....Pkt. 10c

JAPANESE KUDZU VINE

JACK AND THE BEAN STALK OR JAPANESE KUDZU VINE

465. An ornamental and rapid growing climber. Experience abundantly proves the Kudzu Vine to be a highly interesting novelty. It comes from Japan, the land so productive of curious and ornamental flowers. It is a beautiful climber remarkable for its great vigor of growth and its handsome flowers. The blossoms are large and in panicles somewhat like wistaria, but larger in size and with better clusters. The color is of a pleasing shade of purple, foliage is luxuriant, somewhat like the leaf of a bean. The vine is rapid and dense in growth, making the Japanese Kudzu Vine of great value where a quickly produced shade is wanted. An eminent horticulturist and prominent landscape designer has it growing over the front of his house, and pronounces it a veritable "Jack and the Bean Stalk" vine. It is perfectly hardy, increasing in size and beauty year after year; fine for arbors, verandahs, etc.....Pkt. 10c

COBAEA

One of the finest of all climbers, and equally good for out-of-doors or for house culture. Plant seed edgewise in a moist but not wet soil, cover to prevent evaporation, and do not water again unless soil becomes very dry. When seedlings appear water with great moderation until out of the seed leaf.

240. *Scandens*—Bluish Purple.....Pkt. 10c

EVERLASTING PEA



No praise can be too high for this lovely ironclad vine that blooms constantly from early summer until late autumn, minding neither heat nor cold, rain or drought. Easily grown, perfectly hardy, and so beautiful that we never saw a person who did not admire their cheering flowers and clear green foliage. While lacking the delicious fragrance of the sweet pea, they are equally as beautiful. They live year after year, bearing magnificent clusters of flowers. Perfectly hardy, and grow 8 to 10 feet high.

241. *Lathyrus*. Mixed.....Pkt. 5c

Scarlet Runner Beans

242. A great favorite in England and the continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms; grows 10 to 15 feet high. Lb. 50c.....Pkt. 10c

Try the Hyacinth Bean this year. It is one of the best climbers grown.

HYACINTH BEAN

245. One of the shoiest annual climbers. The vine grows about 10 feet high. The Sweet Pea-like flowers are borne in unusually long clusters, and are of the purest white and brightest purple, changing to darker shades as they age. Some of the flower stems are over a foot long, with blossoms in all stages of maturity. The flowers are followed by bronzy purple seed pods; the whole forming a mass of varied colors and beauty.....Pkt. 5c

WILD CUCUMBER

262. A well-known vine, common in many sections, and the quickest climber known for covering verandahs, old trees and houses, trellises, etc., never suffering from the heat, but retaining its fresh and lively green color, never infested with insects and very profuse in bloom. It will sow itself and comes up every year in the same place.....Pkt. 5c

HUMULUS, Japanese Hop

243. *Japonicus Variegatus* — A strikingly beautiful annual climber of exceedingly rapid and dense growth, attaining a height of 18 to 20 feet in a few week's time. Leaves are rich green, blotched and marked with gray. Is fine where a quick growing and densely leaved climber is desired. Valuable for trellis and high places.....Pkt. 10c

244. *Japonicus* — One of the most rapid climbers grown. Seed can be sown in the open ground in spring and will attain enormous dimensions very quickly. The foliage is luxuriant, and is one of the best plants for covering verandahs and trellises; heat drought and insects do not trouble it in the least.....Pkt. 5c

"KUDZU."

A Rare and Useful Japanese Vine.



MORNING GLORY

251. *Imperial Japanese*—Wherever climbers can be grown these should have a prominent place. They are beyond question the handsomest of all Morning Glories. Of the easiest culture they soon cover a large area, being of strong, rapid growth. The flowers are of gigantic size, of good substance, remaining open the greater part of the day. The colorings are beyond description; the self or solid colors range from snow-white to black purple, with all the possible intermediate shades. There is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. H.A. oz. 15c.....Pkt. 5c



NASTURTIUMS

(TALL OR CLIMBING)

Among the easiest grown and prettiest of climbers for fences, trellises, etc., quick running, 6 to 12 feet, thriving well even on poor soil. Fine bloomers, and the green seed pods make excellent pickles.

247. **Madame Gunther's Hybrids**—It is impossible to describe all the different colors, but some of the most striking are as follows. White shaded carmine; white with red blotches; shrimp pink with deep maroon throat; shrimp pink, self-color; bright rose; bright yellow; orange, etc.

248. **Tall Chameleon**—This beautiful new variety has the wonderful property of producing flowers of many distinct colorings upon the same plant. These flowers are variously blotched, splashed, striped and bordered in rich contrasting shades.

249. **Golden Climber**—A splendid climbing Nasturtium, with beautiful golden-colored leaves and brilliant scarlet blossoms; is of the most striking oddity and beauty and will attract the widest attention. The bright-colored blossoms, mingled with the charming light yellow leaves produce a pretty effect.

250. **"Paramount"**—We call special attention to this mixture. In it will be found all of the choicest colors of the tall Nasturtiums. The flowers are much larger than those of the old-fashioned kind, and in nearly all of them the petals overlap; while the other combinations are simply superb.

ORNAMENTAL GOURDS

253. **Ornamental Pomegranate or Queen Anne's Sweet-Scented Pocket Melon**. A very curious and useful fruit. It makes a pretty vine and a very showy fruit, which has a delicious perfume; carried in the pocket or laid on the mantel it imparts a delicious fragrance; served with sugar it makes a dainty dessert.

254. **Towel of Luffa**—Many ladies prefer a dish-cloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left.

255. **Sugar Trough**—They have thick shells, which are very light and durable.

256. **Dipper**—Valuable for household purposes, makes an excellent dipper.

257. **Japanese Nest Egg**—Resembling in color, shape and size the eggs of hens; are uninjured by cold or wet and therefore make the best nest eggs.

258. **Hercules Club**—Grows 3 to 4 feet long.

259. **Large Bottle**—Handsome and useful.

260. **Mixed Varieties**—Produce all kinds of eccentric fruits.

PASSION FLOWER

One of the most desirable of all climbing plants. Sow seed early and, if well cared for and seasons are favorable, vines will send out magnificent blossoms the first year. Its color is odd, comprising a combination of blue, pink and white, which is beautiful, very large and

showy, of a feathery and velvetlike appearance. Vines begin to throw out blossoms when one or two feet high, followed in the fall by beautiful golden fruit about the size of a hen's egg. If left in the open ground in winter it must have some protection.

Giant Orchid-Flowering Sweet Pea

In this we have a new class of Sweet Peas which has attracted great attention for the last two or three years. Flowers of enormous size, with both standard and wings waved, fluted and crumpled, while the flowers are so loosely and gracefully set on the stems that they at once show their superiority to the other kinds. Plants healthy and vigorous and produce these strong-stemmed flowers of great substance. The perfect formed blooms often measure two inches across.

CULTURE HINTS—We are often asked, "What treatment of culture shall I give my Sweet Peas that I may grow them successfully?" It is almost impossible to give instruction that will cover every locality, as much depends upon soil, situation, etc. However, by following the general hints which we give herewith, modified by your own judgment to suit the local conditions, you should be able to grow good sweet Peas. Plant early in rows north and south—April 1st is none too soon, if the ground will work. Make a trench 12 inches deep and 15 inches wide. Work into the soil in bottom of trench plenty of well-rotted manure; fill 4 inches of trench with fine soil, and sow the peas, covering 1 inch deep (if about April 1st) in two rows about 10 inches apart, seeds 2 inches apart in rows; if planted later cover deeper. When well up fill in the earth gradually as they grow, until the trenches are full. The object is to get the roots well down, so that they may resist drought. Give plenty of Water, pick the blooms without stint, and do not let run to seed. Use brush or trellis 5 or 6 feet high.

Any of the following varieties: Pkt. 10c, oz. 30c, 2 ozs. 55c, ¼ lb. \$1.00.

452. **ARTHUR GREEN**—Maroon or deep claret color.

453. **DAINTY**—Ground color pure white, margined rose-pink.

484. **JOHN INGRAM**—Rich, rose-red, veined with a deeper shade.

456. **MARIE CORELLI**—A pure, rich rose-crimson, clear, distinct.

457. **W. R. HUTCHINS**—Light apricot, distinctly lemon at the throat.

413. **KING EDWARD**—Wings carmine-scarlet, and deep rosy carmine.

414. **COUNTESS**—The color is a soft rose-pink; color simply exquisite.

415. **OTHELLO**—Will appeal to those having a preference for the darker colors.

416. **ETTA DYKE**—Pure white flowers of truly gigantic size; crinkled and fluted.

417. **FLORENCE MORSE**—This might be described as a light pink-edged; extremely large.

418. **GEORGE HERBERT**—The flowers are the largest size; a bright, rosy carmine.

419. **ASTA OHN**—The first lavender of the true Spencer type, of large size.

422. **PRINCE OF ASTURIAS**—Makes a most effective bunch in bouquets; flowers deep, burnished purple-maroon, and the wings rosy purple.

423. **MRS. A. IRELAND**—Bright rose pink, creamy base; most pleasing ever sent out.

425. **PRIMROSE**—The color is primrose throughout both standard and wings.

426. **MRS. C. W. BREADMORE**—Distinctly pink-edged upon a cream ground.

427. **PARADISE IVORY**—Color deep primrose, lightly suffused with rose or pink.

428. **LOVELY**—Both standard and wings a soft pink and blush.

429. **HELEN LEWIS**—Of an intense rich crimson-rose; truly of a gigantic size.

431. **GEORGE STARK**—Deep rich scarlet of an intense brilliancy.

420. **SPENCER MIXTURE**—This mixture, like all mixtures offered by us, is made from separate sorts of the best Spencer Peas, including about 25 of the best varieties. It is not to be compared to so-called "Spencer Mixtures" which are not compounded from the varieties grown separately and in the right proportion of shades and colors. Pkt. 10c, oz. 25c, 2 ozs. 45c, ¼ lb. 85c, lb. \$3.00.

299. **"GOLD MEDAL" MIXTURE**—All bright colors in proper proportions, mixed from 30 varied in coloring, and type Sweet Peas. A row of our mixed Sweet Peas in bloom is bright and standard-named of Grandiflora particularly pleasing. Pkt. 10c, oz. 25c, 2 ozs. 45c, ¼ lb. 60c, lb. \$2.00, postpaid.

302. **California Giant, Mixed**—Delicious perfume; exquisite colors. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 50c, lb. \$1.50, postpaid.

300. **RED, WHITE AND BLUE SPECIAL MIXED**. This is a special mixture, composed of equal parts of the best red, the best white, the best blue. The most superior mixture ever offered to the public. Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 45c, lb. \$1.50, postpaid.

301. **Light Colors, Mixed**—To supply the demand where light colors only are wanted. Pkt. 5c, oz. 15c, 2 ozs. 25c, ¼ lb. 45c, lb. \$1.50, postpaid.





Everlasting Flowers 7
var. 1 pkt. each for 25c
Ornamental Grasses, 9
var. 1 pkt. each for 35c
or both collections 50c

GOMPHRENA

Or Globe Amaranthus

2. Remove cottony covering before planting. Plants bear great quantities of clover-like blooms, although different from any other variety and very attractive buds as well as full-blown flowers. Tender annual. Height 2 feet

314. Finest Mixed.....Pkt. 5c

XERANTHEMUM

Of compact habit, free flowering and of the easiest cultivation. The leaves are covered

with a silvery down and the flowers are of the prettiest colors. Hardy annual. Height 1 foot.

315. Choicest Mixed.....Pkt. 5c

HELICHRYSUM

Often Called the Eternal Flower.

3. One of the most useful of all Everlastings to grow. Very hardy, blooming until late autumn. The white and light colored varieties color easily and are often dyed in shades not otherwise obtainable in Everlastings and used in wreaths, crosses and other

EVERLASTING FLOWERS

Flowers of eternal beauty—those which never fade—are offered on this page. They are unsurpassed for winter decorations, and may be made up into bouquets, baskets, vases, etc. Seed to be sown as soon as ground is warm and the weather is settled, in good rich soil, and thinned out or transplanted to 12 inches apart. The flowers should be cut as soon as they come into full bloom, tied in small bunches and dried slowly in the shade, with the heads downward to keep the stems straight. The following varieties are exceptionally beautiful, and you will do well to include them in your order.

ACROLINIUM

1. Probably the most beautiful everlasting known. Flowers pure pearly white or an exquisite soft, clear shade of pink, with bright golden centre. Half-hardy annual. Height 1 foot.

312. Mixed Colors—Very fine.....Pkt. 5c

AMMOBIUM

4. A very useful Everlasting Plant, robust, and great bloomer. Flowers pure white and very double. Be sure to cut plenty of buds, as they dry beautifully and are useful to contrast with the full blown flowers. Hardy Annual. Height 2 feet.

313. Alatum.....Pkt. 5c

emblems. Hardy annual. Grows 6 inches to 2 feet.

316. Monstrosum—Brightest colors very large, mixed.....Pkt. 5c

317. Double White—Beautiful pure white.....Pkt. 5c

318. Dwarf—Finest mixed.....Pkt. 5c

RHODANTHE

One of the finest and most beautiful of the may varieties of Everlastings. Retains its brilliancy of colors for years.

319. Finest Mixed.....Pkt. 5c

ORNAMENTAL GRASSES

The Everlastings would be quite useless without their setting, soft, pretty grasses, in winter bouquets and other ornaments. Grow a good quantity of the elegant grasses. Many of them are quite ornamental in the garden, and all are useful for cutting for summer bouquets, as well as drying for winter, or for dyeing. The same culture, etc., as for Everlasting Flowers will apply to Ornamental Grasses.

AGROSTIS—Elegant, fine, feathery variety. Hardy Annual. Height 18 inches.

320. Fine Mixed.....Pkt. 5c

BROMUS—Handsome variety with beautiful drooping panicles. Hardy Annual. Height 18 inches.

321. Brizaeformis.....Pkt. 5c

BRIZA—Often called Quaking Grass. Very ornamental variety, with large racemes of beautiful rattles. Hardy Annual. Height 18 inches.

322. Maxima.....Pkt. 5c

CHRYSURUS—4. Magnificent variety with yellowish feathery spikes. Hardy Annual. Height 12 inches.

323. Cynosuroides.....Pkt. 5c

COIX LACHRYMA—324. Often called Job's Tears. Well known favorite.....Pkt. 5c

GYNERIUM—2. Magnificent ornamental grass, producing numerous flower stems, surmounted by plumes of silver inflorescence. Half-Hardy Perennial. 10 feet high.

325. Argenteum, or Pampass Grass.....Pkt. 5c

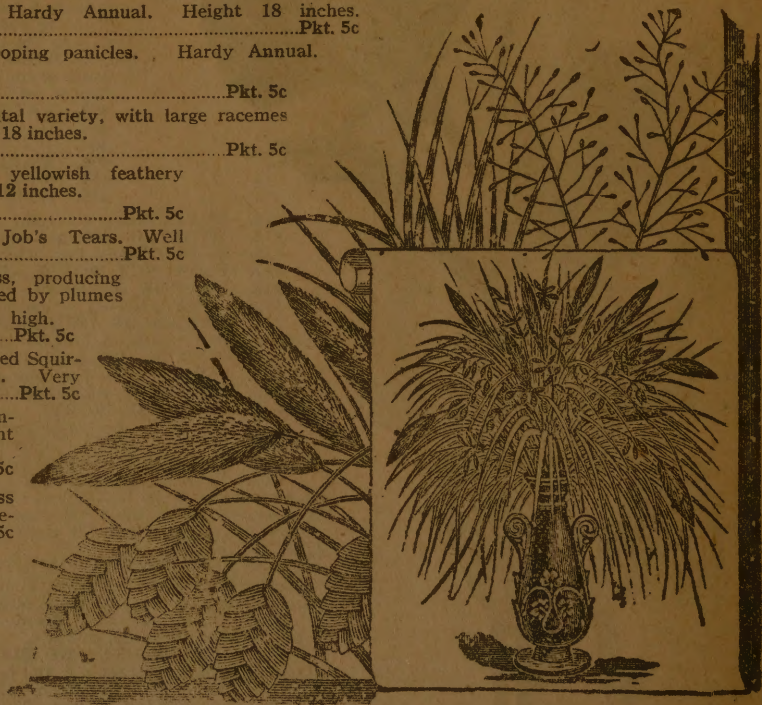
HORDEUM JUBATUM—326. Often called Squirrel-Tail Grass. Very fine. H.A. Height 18 inches.....Pkt. 5c

LAGURUS—Often called Hare's Tail Grass. Splendid variety. Hardy Annual. Height 18 inches.

327. Ovatus.....Pkt. 5c

STIPA PENNATA—328. Or Feather Grass—3—An exceedingly graceful sort. Half-hardy Perennial. 12 inches high.....Pkt. 5c

FOR OUR NEW VARIETIES OF
FLOWER SEEDS, SEE NOVELTY LIST



Greenhouse Flowers

Many persons take great pleasure in growing plants from seed, and as most of these seeds are small, they require care in sowing. Most of the plants in this department come from warm, moist climates, so we must supply similar conditions artificially. To do this without a greenhouse, sow the seeds in boxes or large pots, make a compost of three parts rotted sod and one part fine sand. This makes a rich soil that will not bake. Sow the seed on the surface, then sift a little fine earth over them and water gently through a fine sprayer; lay a piece of glass over the top and put the boxes or pots where they may have ordinary warmth and light, but no direct sunlight. When the plants are up they must have a little air and sunshine, or they will become mouldy and decay near the surface of the ground. The satisfaction derived from the cultivation of house plants is not alone in seeing them bloom. There is a joy in seeing them grow and develop day by day, and the one who starts a plant from seed and rears it up to bloom gets pleasure in plant culture.

CENTAUREA

(Dusty Miller)

Extensively used for margins, beds and vases.

335. *Candidissima*.—Silver cut leaves. 1 foot.....Pkt. 10c
336. *Gymnocarpa*.—Silver gray leaves. 1 foot.....Pkt. 10c

CINERARIA

Magnificent flowering plant for greenhouses or conservatory. Bears large clusters of flowers in shades of white, blue, etc.

337. *James' Giant Prize, Mixed*.....Pkt. 35c

CYCLAMEN

Charming bulbous rooted plants, with beautiful foliage and rich-colored orchid-like fragrant flowers. Favorites for winter and spring blooming. H.P.H.

341. *Persicum Giganteum*.—Flowers of extraordinary size; foliage beautifully marked.Pkt. 35c

FERNS

Ferns are exquisite for table or drawing-room decorations, warden vases, hanging baskets for rockeries. Spores are very fine and should be surface sown on sifted soil and covered with glass. If sown in shallow pot saucers, necessary moisture can be supplied by placing a saucer of soil inside of a larger saucer that has been filled with tepid water.

342. *Finest Varieties, Mixed*.....Pkt. 15c

FUCHSIA

The Fuchsia is as early grown from seeds as from cuttings. From seed many new varieties are obtained. Flowers freely the first year in the open ground, while plants can be taken in the house in the winter, where they will flower still more freely. The seed offered has been saved from the very finest single and double varieties. H.H.P.

343. *Choicest Mixed, Double and Single*.....Pkt. 25c



A collection of Cactus like this, and also many more odd and novel varieties can be grown from a packet of seed. Pkt. 25c.

GREVILLEA ROBUSTA

(Or Silk Oak)

244. One of the quickest growing of ornamental house plants. It is easy to manage grows rapidly from seed, pretty in all its stages of growth. Its long drooping, silky foliage reminds one of a palm or fern.Pkt. (20 seeds) 15c

GLOXINIA

Lovely pot plant, easy to grow and care for. The handsome, bell-shaped flowers embrace a great variety of the richest and most beautiful colors, ranging from pure white to dark blood-red, pink blush, lavender, indigo blue, marble and spotted. Bloom in 4 or 5 months. Tender perennial.

345. *Large Flowering, Mixed*.....Pkt. 25c

HELIOTROPE

A well-known and popular plant, fine for bedding, vases, baskets and for pot culture in winter. Exceedingly beautiful.

346. *Grandiflora, Mixed*.....Pkt. 10c

IMPATIENS

One of the prettiest plants for pot culture and also outdoor planting in a half shaded situation; remarkable for long blooming.

347. *Sultani*.—Rosy carmine flowers; distinct and beautiful plants for window culture splendid in garden.....Pkt. 15c

LANTANA

Very rapid growing, with large heads of variously colored flowers, emit a powerful aromatic perfume; continually changing color.

348. *Choice Mixed*.—White, rose and yellow; parti-colored blossoms. H.H.P.Pkt. 10c

PRIMULA SINENSIS

(Chinese Primrose)

Many persons seem to think Primulas are successfully propagated only in greenhouses; hence we find amateurs often reluctant to attempt their culture. Easily grown if the right conditions are observed.

349. *Fimbriata, fl. pl., Mixed*.—Double fringed, a new feature in primulas, varying shades. T.P. 1½ ft.....Pkt. 35c

350. *Fimbriata*.—Single fringed mixedPkt. 25c

351. *Obconica, New, Large Flowering*.—This is one of the most useful flowering plants. If sown early in the spring, the seedlings will commence to bloom in May or June and continue to flower throughout the whole year.Pkt. 15c

352. *Forbesii (The Baby Primrose)*.—It begins to bloom in three months after sowing, produces flowers for ten months in succession. The flowers are very graceful, not quite half an inch across, and are a most pleasing rose color, with a yellow eye.....Pkt. 15c

SMILAX

No climbing plant in cultivation surpasses this for graceful beauty of foliage. In cut flowers and for wreaths, etc., it is indispensable to florists. Its hard texture enables it to be kept several days after being cut without wilting.

353. *Boston Smilax*.....Oz. \$1.00, Pkt 10c

Have your neighbor join you. A premium with every order for \$1.00 or more.



DOMINION SEEDS, LIMITED SCHOOL GARDEN FLOWER MIXTURE

446. Our School Garden Flower Mixture has now become so well known that it will sell on its merits to all who have tried it and seen it. It has interested thousands and proven a revelation to all who have grown it by the great variety of flowers it contains. It embraces not only all the popular annuals best known in this country, but a great many rare and new sorts gathered specially for this mixture from all parts of the earth. It is no exaggeration to say that it would be impossible to take a \$2.00 bill and buy flower seeds in separate packages representing one-half the real value of the seed contained in this mixture. This mixture, wherever grown, attracts so many inquiries and has proven such a novelty, that for advertising purposes it is worth a good deal to us, and we want to place it as widely as we can. It is of such unprecedented value for the money that everyone who receives this catalogue should at least try a package of this school garden flower mixture. Your money back if you write us before January 1st, 1919, that it has not proven all and more than you expected. **TRY IT THIS YEAR. ONLY 25c FOR LARGE PACKAGE.**

SPECIAL MIXTURE OF FLOWER SEEDS

APPEALING
TO ALL
LOVERS



OF
BEAUTIFUL
FLOWERS

Many persons derive pleasure from watching the growth of a varied bed of flowers entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following **SPECIAL MIXTURES** will prove exceptionally desirable.

TALL GROWING ANNUALS

354. This mixture embraces seed of many of the handsomest annuals—all tall growing varieties of superior merit—none less than one foot high and many growing five to six feet high. The pleasing effect and profusion of flowers which this desirable collection will give is indescribable, particularly for backgrounds, borders and mass bedding.....Liberal Pkt. 10c

MIXTURE OF FOLIAGE PLANTS

355. This mixture is made up of those annuals which are grown almost exclusively for their beautiful variegated silver, golden or bronze foliage. The effect which they present is grand beyond description, whether used for mass bedding, ribbon or border purposes.....Liberal Pkt. 10c

LOW GROWING ANNUALS

356. This mixture contains seeds of the greatest number of low-growing annuals ever blended. Few exceed four or six inches in height, and when sown in beds or border present the appearance of richly-colored Turkish rugs, carpeting the ground in their wide range of colorings and forms, so beautifully that nothing more remains to be desired. By all means do not overlook this when making out your order.....Liberal Pkt. 10c

MIXTURE OF FRAGRANT ANNUALS

357. Carefully prepared from seeds of fragrant flowers only. A bed of these will really give an unlimited amount of pleasure and perfume throughout the day and evening, while many of them are suitable for cut flower purposes. Try this mixture and you will be repaid many times over for the time and money which you expend on it.....Liberal Pkt. 10c

MIXTURE OF CLIMBERS

358. This is a liberally filled packet of seed of many beautiful annual climbers, which will prove most useful for covering outhouses or growing upon trellises.....Liberal Pkt. 10c

EVERLASTING AND ORNAMENTAL GRASSES

359. All the annual varieties of each, many of them being really handsome in growth, and all of them desirable for house decoration during the winter months.....Liberal Pkt. 10c

MIXTURE OF BIENNIALS AND PERENNIALS

360. The great variety contained in this mixture will make a grand display the second year, and many of them will bloom year after year.....Liberal Pkt. 10c

WILD FLOWER GARDEN MIXTURE

361. These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for Woodland walks, roadside, railroad embankments, and for sowing alongside of fences and on any untidy bare spots of ground which are so frequently unsightly, and which if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer.....Liberal Pkt. 10c

All of the above mixtures are carefully prepared from choice, fresh seeds, and cannot fail to give satisfaction. The packets are liberally filled, and in no other manner can so many seeds be obtained for such small cost.

Dominion

Seeds

Limited

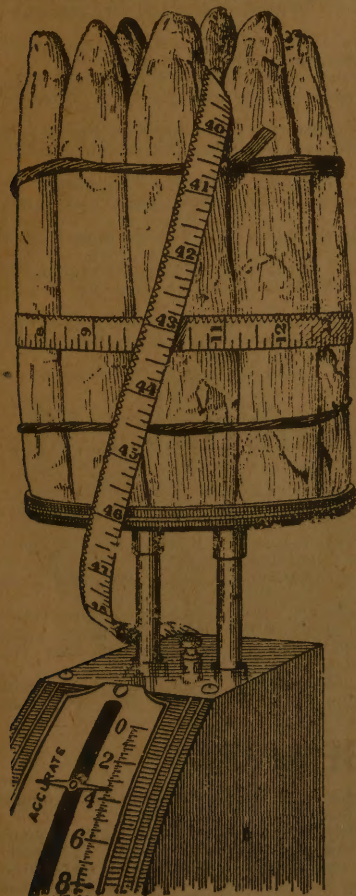
Seeds Prepaid by Mail Please bear in mind that the price in the following list include payment of Parcel Post or Express charges (our option) by us on all seeds offered by the packet, ounce, quarter pound, or pound, unless otherwise noted. Thus you have only to send the catalogue price, and we guarantee safe delivery. If you wish goods sent by Express or Freight, and will pay charges on arrival, please deduct 10c per pound from price.

Order Early Please order as soon after you get this catalogue as possible, and then you will have your seeds at hand when you want them; besides, if you want heavy seeds in large quantities they can be sent by freight very cheaply.

Avoid Mistakes When making out your order for garden seeds, do not be influenced by bulky catalogues, impossible pictures and extravagant description. Common sense is said to be the best manure the gardener can use, and it commences in the selection of seed. Use your common sense and don't be influenced by statements which won't bear the test of the garden.

Market Gardeners Or other large planters requiring larger quantities of seeds than are here offered are invited to write for our **SPECIAL LIST**. This list we cannot send to private gardeners even if they apply for it, as it is intended only for those who grow for market. In writing please state whether you are a market gardener, florist or dealer in seeds.

CONDITIONS OF SALE—Dominion Seeds, Limited, give no warranty, expressed or implied, as to description, quality, productiveness, for any other matter, of any seeds, bulbs, plants, etc., they send out, and they will not be in any way responsible for the crop. All seeds bought from them must be accepted on these conditions.



Leviathan Asparagus

ASPARAGUS

(French—Asperge)

The roots may be removed to the permanent bed when one or two years old. Select deep, rich mellow soil, using a liberal quantity of well-decomposed manure. Set the roots so that the crowns will be twelve inches below the surface of the ground in rows two feet apart, and one foot apart in the row. The bed will produce shoots fit for cutting the second or third year after transplanting. One ounce of seed to 60 feet of drill.

Leviathan, the King of All Asparagus.—It is superior in every way; larger, earlier, a strong, quick grower, a more prolific and continuous yielder, the stalks large and uniform under ordinary culture, average nearly an inch in diameter, retaining their thickness up to their plump tips. Bunches of 15 shoots measure $13\frac{1}{2}$ inches in circumference and weigh about four pounds. For quality it is peerless, meltingly tender and full of delicious flavor. It is equally adapted to all sections; is less susceptible to the Asparagus disease than any other variety. Pkt. 10c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 65c.

Barr's Mammoth—Earlier and nearly twice as large as Conover's Colossal; also a strong grower and very productive. Pkt. 5c, oz. 15c, 2 ozs. 25c, $\frac{1}{4}$ lb. 45c.

Columbian Mammoth White—Shoots pure white and require no artificial blanching. Pkt. 5c, oz. 15c, 2 ozs. 25c, $\frac{1}{4}$ lb. 45c.

Conover's Colossal—The best known and one of the most desirable sorts. Pkt. 5c, oz. 15c, 2 ozs. 25c, $\frac{1}{4}$ lb. 45c.

Giant Argenteuil—A most promising variety, nearly twice the size of any other. Pkt. 5c, oz. 15c, 2 ozs. 25c, $\frac{1}{4}$ lb. 45c.

Palmetto—Shoots are very large and light green, also tender and very desirable. Pkt. 5c, oz. 15c, 2 ozs. 25c, $\frac{1}{4}$ lb. 45c.

ASPARAGUS ROOTS

A saving of two or three years is effected by planting roots. Those offered below are select, strong, two-year-old roots, and we are confident they will please you in every way. Don't be misled by planting one-year-old of inferior roots. Columbian Mammoth White, Palmetto, Conover's Colossal, Donald's Elmira, doz. 35c, 25 for 60c, 50 for \$1.00, 100 for \$2.00, postpaid. Special prices on 1,000 or more on application. By express, per 100, \$1.65.

BRUSSELS SPROUTS

(French—Chou de Bruxelles)

Plant in rich soil in hills two feet apart each way, and thin to one plant to the hill. One oz. to 2,000 plants "Dalkeith Park."—These little heads of compactly folded leaves develop along the stalk and are ready for gathering from May-sown plants the same season, furnishing a supply of this most delicious of vegetables during fall and early winter, for the plants are hardy and maintain their sprouts even during quite severe weather; in fact, frost greatly improves the quality and flavor. Pkt. 10c, oz. 60c, 2 ozs. \$1.10.

Improved Dwarf—Pkt. 10c, oz. 60c, 2 ozs. \$1.10.

SCOTCH KALE

(French—Chou vert frise)

Plant the larger sorts in hills two by three feet apart, and thin to one plant to the hill. Select deep, rich soil, and cultivate same as cabbage. The tender leaves are used as cabbage. One ounce to about 2,000 plants. **Dwarf Curled**—Pkt. 10c, oz. 40c, 2 ozs. 75c.

BROCCOLI

(French—Chou Broccoli)

The Broccoli are closely allied to the cauliflower family; so nearly that the White Cape variety is sometimes classed with cauliflower. They require similar cultivation and treatment.

Improved White Cape—Large and very white. Pkt. 10c, oz. \$1.00, 2 ozs. \$1.85.

BEANS---DWARF, SNAP AND BUSH

(French—Haricot Main)

Select light, warm soil, and plant when danger of frost is past in the spring in drills $2\frac{1}{2}$ to 3 feet apart in the drill and covering 1 inch deep. Keep the ground clean and loose by frequent hoeing, but do not draw the earth around the plants. Avoid working among the vines when they are wet, as it will tend to make them rust. One quart to 150 feet of drill. Two pounds of beans to one quart.

SHORTAGE OF BEANS

There never was a time when Seed Beans of the green and wax-pod varieties were as scarce as now. This is due to conditions during the growing season of 1917, in some instances the Seed Growers did not get back one-half the quantity of seed planted. This has caused an advance in prices, and our offers of Beans are made on condition that stock is unsold upon receipt of order. We advise customers to secure their seed beans by ordering early, before our stock is exhausted, as we fear that it cannot be replaced.



Good as Gold.

Good as Gold—A prolific and continuous bearer. The first in spring—the last in fall. Absolutely stringless—very tender and of delicious flavor.

The crowning merit of this grand Bush Bean is in the rich, golden yellow pods, which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty, and of high quality, meltingly tender, and having a delicious flavor exclusively their own; moreover, the pods are absolutely stringless and entirely free from any tough membranous lining, not only when young, but this tender "snap brittle" quality is retained even into maturity.

This variety, while unrivalled in its class for the home garden, will be in great demand among market gardeners who will find that its handsome appearance and luscious quality "hold their customers." Price, Pkt. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c, postpaid.

Wardwell's Kidney Wax—A very popular, early, gardener's variety. Pods large, $5\frac{1}{2}$ to 6 inches long, moderately stout, straight and flat, fleshy, brittle, fine grained and nearly stringless. Of good quality and very attractive. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 70c.

Hodson Wax—Extremely vigorous, very hardy and productive. Noted for its very large, flat, gently curved, attractive wax pods. Holds up well as shipping sort to distant markets. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

Davis' White Kidney Wax—An early, productive and attractive wax variety. Pods large and flat, $6\frac{1}{2}$ to 7 inches long, very uniform and extremely straight. Color, clear, bright yellow. Seed white and kidney shaped. A market gardener's sort. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

Refugee Wax—A popular canner's variety. Mid-season, very hardy, vigorous and productive. Pods $4\frac{1}{2}$ to 5 inches long, slender, regularly curved, round, well filled, with no depressions; fleshy, fine grained and excellent quality. Color, pale yellow. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

Pencil Pod Black Wax—The best of the dwarf, black wax varieties. Early and productive. Pods large, $5\frac{1}{2}$ to 6 inches long, round, nearly straight and crease-backed; strictly stringless, free from fiber, fleshy and brittle; of highest quality; color, very clear yellow. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

Golden Eye Wax—Rust proof, very hardy, early and prolific. Pods large, yellow, 5 to 6 inches long, flat and almost straight. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

Golden Wax—Probably the most popular of the wax varieties and one of the best. Early and productive; pods 5 inches long, very stout, straight and slightly curved and oval in form; flesh brittle, stringless and of good quality; color, bright yellow. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

Longfellow—A very excellent variety of French origin. Moderately early and moderately productive. Pods dark green, $5\frac{1}{2}$ to 6 inches long, very slender, straight and round; very slightly stringy, tender, fine grained, good quality and attractive. Makes an excellent canning sort. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Long Yellow Six Weeks—An old standard sort, very vigorous, hardy, productive and early. Pods 5 to 6 inches long, flat, light green in color. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

POLE OR RUNNING VARIETIES

(French—Haricots a Rames).

Set the poles three by three or four feet apart, and plant six to eight beans around each pole, thinning to four healthy plants. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil and do best in a sheltered location. One quart to 150 poles.

Kentucky Wonder—Vine vigorous, climbing well and very productive, bearing its pods in large clusters; blossoms white, pods green, very long, often reaching 9 to 10 inches; nearly round when young, and crisp. Has no equal. An early and very profitable sort, with showy pods which are most excellent for snaps. Pkt. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c, postpaid.

Dreer's Improved Lima—A bean of very peculiar shape; thick and plump. The vines are very productive and the pods always well filled. The beans are of the most delicious quality. When green they nearly equal the large Lima in size, but are thicker, sweeter and more tender. They remain green in the pod a long time after maturing. The type represented by Dreer's Lima is a valuable one. Pkt. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c, postpaid.

Dutch Case Knife—Long, green and flat; excellent to grow on corn. Pkt. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c, postpaid.

Scarlet Runners—A popular English bean; very ornamental climber and a grand cooker. Pkt. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c, postpaid.

ENGLISH BROAD BEANS

This class is very hardy and will stand frost. They should be planted as early as possible after the ground is open, in drills two feet apart and four inches apart in the drills. A strong, heavy soil suits them best.

Taylor's Improved Broad Windsor—A splendid, most robust and wonderfully prolific variety, which appears to miss mildew and the attacks of the bean aphid better than any other broad bean now in cultivation. The pods, which are produced in the utmost profusion, are very large and handsome, each containing from six to eight large, thick and very fleshy beans of the most delicious flavor and of the deepest and most attractive green color when cooked. It is undoubtedly the most valuable variety yet offered. Pkt. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c, postpaid.



Kentucky Wonder

BEET

(French—Betterave)

Select a deep, rich sandy loam and manure well with decomposed compost. Sow in drills 14 to 16 inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use sow as soon as ground can be worked in the spring, for autumn use about the middle of May, and for winter use about the 20th June, according to variety, the long varieties requiring more time to mature than the round early kind. One ounce will sow 50 feet of drill. When sown late, increase the quantity of seed. To preserve during winter cover with earth to keep from wilting. When cooking, boil new beets one-half hour and old ones two hours or more.

BLACK KNIGHT—The Ideal Table Beet, fine-grained, rich, red flesh, exceedingly tender, remarkably early. Combines more good qualities than any other round beet.

The Black Knight is a thoroughbred in every respect, running remarkably uniform in shape and size, with smooth, dark red skin, small leaves closely set in the centre and a small, slim tap-root. The flesh is fine-grained and tender, free from woodiness and of a delicious sugary flavor; color rich red. The roots remain in fine condition a long time after maturity. We cannot too highly recommend our Black Knight Beet to customers wanting the best extra early beet. Pkt. 10c, oz. 35c, 2 ozs. 60c, $\frac{1}{4}$ lb. \$1.00, lb. \$4.00.

London Market—One of the best for general cultivation. It is symmetrical in form with a few fibrous roots and small top. It is larger than Egyptian, age for age, and continues to grow for a long period, making a large beet for autumn or winter use. Only one sowing is necessary to produce early beets for market and a main crop for winter use. Both the inside color and outside color is deep blood red. Pkt. 10c, oz. 30c, 2 ozs. 50c, $\frac{1}{4}$ lb. 90c, lb. \$3.25.

Alpha—A variety of the blood turnip type. It follows the Eclipse. Has the darkest of flesh, large size, beautiful shape, which is between round and flat, clear skin, small top and single taproot, and differs from all other dark blood sorts in that it has the sweetness of the Bassano, which was acknowledged the sweetest beet grown. Pkt. 10c, oz. 30c, 2 ozs. 50c, $\frac{1}{4}$ lb. 90c, lb. \$3.25.

Dirigo Turnip—A critical comparison between the Dirigo and Crosby's Egyptian, raised side by side, is what customers want, as these two beets are competitors for the early market and altogether a most desirable variety for the market gardeners, combining those most desirable qualities, color, shape, size and earliness. Pkt. 10c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c, lb. \$2.50.

Detroit Dark Red—One of the very best sorts for home or market garden and for canning purposes. Roots uniformly smooth, of medium size, and globe shaped; skin dark red, flesh solid vermilion red. Our special stock of this variety shows little, if any, white zones. Tops are small, upright, dark green shaded red. Pkt. 10c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c, lb. \$2.50.



Black Knight Beet

Extra Early Egyptian—One of the very earliest, with small top; roots distinctly flat and moderately thick, very dark red; flesh dark purplish red, zoned a lighter shade. Pkt. 10c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 85c, lb. \$2.50.

Crimson Globe—A late or main crop variety, medium in size, globe shaped; flesh deep purple, slightly zoned; foliage small, dark bronze. Pkt. 10c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 85c, lb. \$2.50.

Crosby's Egyptian—We have an unequalled strain of this superb, extra early sort. Roots a flattened globe shape; skin very dark red, flesh a trifle lighter in color and lightly zoned; tops small. Pkt. 10c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 85c, lb. \$2.50.

Eclipse—An early variety with small tops and medium-sized, round, bright, deep red roots; flesh bright red, zoned pinkish-white. Pkt. 10c, oz. 25c, 2 ozs. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.



Asparagus Beet.

ASPARAGUS BEET or Summer Spinach

A distinct vegetable and much superior to the common beet for greens and equal to spinach. Sown early in the spring in rows 16 inches apart, and the seedlings afterwards thinned out to 6 inches in the row, it makes rapid growth of leaves and is fit for use for greens sooner than any other variety. For summer use we consider it much superior to spinach, because it can be cut throughout the entire summer and fall, when no spinach is to be had. It is of almost the same flavor and is much easier to wash and prepare for the table, a fact which every housewife knows how to appreciate. Later the leaves grow very large, with broad, flat, beautiful, white, wax-like stems and mid-ribs, which may be cooked like asparagus or made into most attractive pickles. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

SPINACH BEET

"GIANT LUCULLUS"

The stalks are as thick and broad as rhubarb. The plants grow to a height of from 2 to 2½ feet and the stalks are from 10 to 12 inches long below the leaf. These stalks are delicious when cooked, and should be served in the same manner as stewed celery and asparagus. The leafy portion of the "Giant Lucullus" is heavily crumpled or savored and is very crisp and tender. The leafy portion of the foliage is cooked and served in the same manner as spinach. Price, pkt. 10c, oz. 35c, 2 ozs. 70c, $\frac{1}{4}$ lb. \$1.25.



CABBAGE

(French—Pomme de Chou)

The early sorts bear planting from 18 inches to 2 feet apart in the rows, with rows from 2 to 2½ feet apart; the large varieties to be from 2 to 4 feet apart in the rows, with the rows from 2½ to 4 feet apart, but the largest varieties can be planted at the last distance named and do well. One ounce to about 2,000 plants.

Swedish Giant (Private Stock).—This fine late cabbage was originated in Denmark. It is low-stemmed and produces large flat and compact heads. The heads are very heavy and results have proven that it gives 50 per cent. more weight than Danish Ballhead. Sureness in heading and regularity in growth have placed this at the top of the list. It is as natural for this cabbage to form a head as to form leaves, and from tests made, reports of 98 marketable heads from 100 plants are of frequent occurrence. Nobody will be disappointed in this strain of winter cabbage. It is a standard sort for winter keeping, and sells readily in the winter and spring markets. Pkt. 10c, oz. 75c, 2 ozs. \$1.25.

Jumbo (Private Stock).—We dispose of an immense quantity of this excellent cabbage, and from the multitude of testimonials we have received regarding this variety, we are led to believe that our efforts in introducing this grandest of all varieties are truly appreciated. It is grand—simply eclipsing everything of its kind in the market—999 out of 1,000 plants will produce marketable heads which are of mammoth size (often reaching the sensational weight of 60 pounds), sound, solid and of the most delicious flavor, crisp and white. It never bursts; has but few outside leaves, and is the best winter keeper. We control the complete stock of this variety. Pkt. 15c, oz. 75c, 2 ozs. \$1.25.

Early Spring.—Extra early, round flat heads with few outside leaves, permits planting close. Pkt. 10c, oz. 60c, 2 ozs. \$1.10, ¼ lb. \$1.75.

Early Summer.—Heads large, round and very compact; ten days later than Jersey Wakefield; one of the earliest large heading varieties. Pkt. 10c, oz. 60c, 2 ozs. \$1.10, ¼ lb. \$1.75.

Early Jersey Wakefield.—The most widely known and popular early variety; heads cone-shaped and very solid. Pkt. 10c, oz. 60c, 2 ozs. \$1.10, ¼ lb. \$1.75.

Early Winnigstadt.—One of best for early or late use; heads hard, fine-grained, cone-shaped. Pkt. 10c, oz. 60c, 2 ozs. \$1.10, ¼ lb. \$1.75.

Rock Red.—The best, largest and surest heading red Cabbage. Used mostly for pickling. The plant is large, with several spreading leaves. The head is large, round, very solid and of deep red color, averaging from ten to twelve pounds in weight. Pkt. 10c, oz. 60c, 2 ozs. \$1.00, ¼ lb. \$1.75.

Improved Large Drumhead Savoy.—The best variety of Savoy or crumpled leaf Cabbage. The plant is vigorous, with short stem, has densely crumpled leaves and when touched by frost is sweet, delicate and delicious. The head is large and very solid. Pkt. 10c, oz. 60c, 2 ozs. \$1.10, ¼ lb. \$1.75.

Glory.—Large, early, white, solid. For two seasons at our Floradale Grounds, this new cabbage from Holland attracted the favorable comment of every visitor by its absolutely uniformly, large, very solid heads. It is very early, but at the same time making fine,

large, ball-shaped heads, particularly attractive for market purposes. Owing to its very rapid growth, the leaves are very tender, thin-ribbed and fine-grained. The centre is white, with very few outer leaves. Pkt. 10c, oz. 60c, 2 ozs. \$1.10, ¼ lb. \$2.00.

Danish Roundhead (Danish Summer Ballhead).—The heads average slightly larger in size than those of the Ballhead, maturing about two weeks earlier, and are set on shorter stalks. They are extremely hard and solid, interior leaves blanched to the purest whiteness; of sweet flavor and crisp, tender texture. "Hard as a bullet and heavy as lead." Pkt. 10c, oz. 75c, 2 ozs. \$1.35, ¼ lb. \$2.50.

Early Stonehead.—The large solid head is of a very distinct growth and appearance. It is exceptionally robust and hardy—well adapted both for an early summer crop and for late planting for fall and winter. The heads, each "solid as a stone," are particularly valuable for shipping. Pkt. 10c, oz. 75c, 2 ozs. \$1.35, ¼ lb. \$2.50.

Autumn King, or World Beater.—Probably the largest of the cabbage family; late, flat, and requires good, strong soil to head well. Pkt. 10c, oz. 60c, 2 ozs. \$1.10, ¼ lb. \$1.75.

Charleston, Large Wakefield.—About one week later than Early Jersey Wakefield, but the pointed heads are fully one-half larger. Pkt. 10c, oz. 60c, 2 ozs. \$1.10, ¼ lb. \$1.75.

CARROTS

(French—Carotte)

Plant in rows 14 inches apart and thin plants 3 to 5 inches in rows. Plant from the middle of April to the middle of May to insure crop, though good success is often met with if planted as late as the 10th of June. Keep very clean of weeds. One ounce will sow 150 feet of drill.

"CARROTS AND MANGELS," by Gregory, tells how to grow them profitably. Price 35c, postpaid.

RUBICON HALF-LONG (3).—The best in shape, and its deep, orange-colored flesh the finest in quality of all. The strain was selected and perfected by a well-known market gardener and attain such uniform shape that they are almost exact duplicates of each other. Pkt. 10c, oz. 50c, 2 ozs., 90c, ¼ lb. \$1.70.

Peer of All. (4).—(Private stock).—This is certainly the best main crop carrot. It is one of the most uniform in shape, core small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor, so common with many sorts, invaluable to market gardeners. Pkt. 10c, oz. 50c, 2 ozs. 90c, ¼ lb. \$1.70.

Scarlet Model (Private Stock).—As a table variety it is first-class; in shape it is larger than the Scarlet Horn, and also broader at the shoulder. The flesh is of a beautiful, rich orange color and of the finest quality; is medium early, with small tops. Roots taper slightly, but are uniformly stump-rooted. Gives great satisfaction in both market and private garden. Pkt. 10c, oz. 40c, 2 ozs. 65c, ¼ lb. \$1.20.

Chantenay Half Long (2).—Excellent medium early half-long stump rooted variety; roots about 6 inches long, very thick, smooth and of a deep orange-red color. Pkt. 10c, oz. 40c, 2 ozs. 65c, ¼ lb. \$1.20.

Danvers Half Long.—The best-known second early, half-long sort; roots 6 to 8 inches long, tapering to a blunt point; flesh deep orange, tender and good quality. Pkt. 10c, oz. 35c, 2 ozs. 60c, ¼ lb. \$1.

Oxheart or Guerande (5).—Mature roots 4½ to 5 inches long, very stout and thick, ending in an abrupt, small tap root; small top. Pkt. 10c, oz. 35c, 2 ozs. 60c, ¼ lb. \$1.00.





DANISH GIANT CAULIFLOWER

Veitch's Autumn Giant.—A distinct and valuable late variety; heads large and fine, well protected by foliage. Pkt. 10c, $\frac{1}{2}$ oz. 60c, oz. \$1.00

CAULIFLOWER

CULTURE.—For spring and early summer crop sow in March or early in April in hotbed, and transplant to cold frame when sufficiently large, and to open ground as soon as hard freezing is over. The soil should be like that for cabbage. Give thorough cultivation and keep free from worms with Hammond's Slug Shot. It should be borne in mind that cauliflower will not head up good in hot, dry weather, and hence the sowing should be regulated so as to bring it in either early summer or late fall. After the heads begin to form draw the leaves over them and pin or tie them together to protect them from the sun and keep them white. One ounce to about 2,000 plants.

"CAULIFLOWER AND CABBAGE," BY ALLEN—PRICE 60c, POSTPAID.

DANISH GIANT, OR DRY WEATHER.—Originated in the same locality in Denmark which produced the Snowball. The heads are extra large in size, pure white and very solid. It is about ten days later than the Snowball, but has proven much more desirable for growing in the open ground and does well in dry seasons when other varieties show failure, keeping plump and fresh during the hottest, driest weather. One grower, whom we believe to be the largest grower of cauliflower in the country, tested the Danish Giant. He claims he will hereafter grow no other. Pkt. 25c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.85, oz. \$3.50

Eureka (Private Stock).—Earlier than the famous Snowball and every other variety. It is very dwarf and compact in habit of growth, like Snowball, and can be planted as close as 18 inches each way for forcing, or where space is limited. D. & H.'s Eureka is particularly desirable for forcing under glass, while in open-air trials every plant has produced a head exceeding all other varieties in earliness. Pkt. 25c, $\frac{1}{4}$ oz. \$1.25, $\frac{1}{2}$ oz. \$2.00, oz. \$3.75.

"Ideal" Dwarf Erfurt.—Will attain an enormous size under ordinary cultivation. The plants are very dwarf, and, while the outer leaves are erect, the inner ones lap over the heads so as to fully shade them from the sun preserving them a beautiful snow-white. The plants can be set closely, and they grow and mature rapidly under favorable conditions. Pkt. 25c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.85, oz. \$3.50.

"Best of All."—Although no surer to head than Giant White Pearl, it is earlier, which is a great advantage, especially to the market gardener. It keeps solid and crisp a long time after being cut. Pkt. 25c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.85, oz. \$3.50.

Giant White Pearl (Private Stock).—One of the best early, large growing kind; forms a large head which is solid, crisp and tender, and will form heads under conditions more unfavorable than any other sort. Pkt. 25c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.85, oz. \$3.50.

Extra Early Paris.—Similar to Paris Forcing, but larger and later. Pkt. 10c, $\frac{1}{2}$ oz. 75c, oz. \$1.25.

Henderson's Early Snowball.—This is undoubtedly the finest variety ever introduced; it is the earliest and produces beautiful snowwhite heads of the most delicious flavor. Pkt. 25c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.85, oz. \$3.50.

CELERY

Sow the seed (which is slow to germinate) from about February 20 to April 20 in shallow boxes indoors or sow in a finely prepared seed bed out of doors in April in straight rows so that the small plants may be kept free from weeds. See to it that the seed is not covered too deep and that the bed is kept moist, almost wet, until the seeds germinate, as plenty of moisture is essential to get a satisfactory growth. The seeds will not germinate well if planted in a hotbed or where subjected to a temperature above 60° F. When the plants are one to two inches high, thin out and transplant so that they may stand two or three inches apart each way. When they are four inches high, cut off the tops, which will cause the plants to grow stocky. Plants are usually set out when about five inches high. It is well to cut off the lower half of the roots before transplanting.

Golden Yellow Self Blanching.—This is the best celery for early use. It is in condition as early in the fall as any and we have yet to find an extra early sort equal in quality and appearance to our stock of Golden Yellow Self Blanching. Critical gardeners generally depend upon our stock to produce their finest early celery. Plants of medium size, compact and stocky, with yellowish green foliage. As they mature the inner stems and leaves turn a beautiful golden yellow so that blanching is effected at a minimum expenditure of time and labor. Its handsome color, crispness, tenderness, freedom from stringiness, and fine nutty flavor have fully established it as the standard first early variation. Pkt. 25c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.75, oz. \$3.00.

Columbia.—In quality it is not surpassed by any celery grown, the esteemed "sweet, nutty flavor" being noticed the moment tasted. It is so hardy in constitution that neither heart nor outside stalks are liable to rot when trenched for the winter, keeping well into spring in prime condition. In bunching there is very little waste, for the enormous hearts require but little trimming. Pkt. 10c, $\frac{1}{2}$ oz. 60c, oz. \$1.00, 2 ozs. \$1.75.

Giant Golden Heart.—Constitutes the great bulk of main crop celery that is produced in all sections of Canada. Of a waxy, golden-yellow color; the stalks are cylindrical in shape and most solid and crisp in quality, and one of the best keepers. Pkt. 5c, oz. 50c, 2 ozs. 90c.

Giant Red Solid.—Very compact, producing stems of superb flavor and of a deep red color. It remains solid and excellent in quality until quite late in the season. Pkt. 5c, $\frac{1}{2}$ oz. 30c, oz. 50c, 2 ozs. 90c.

Giant Pascal.—Of a fine nutty flavor, free from any bitter taste, grows two feet high, stalks broad, thick, crisp and stringless; the width and thickness of the stalks are distinctive features of this variety. Pkt. 5c, $\frac{1}{2}$ oz. 30c, oz. 50c, 2 ozs. 90c.

Selected White Plume.—By tying or simply drawing the soil up against the plants and pressing it together, the work of blanching is completed. Early, of good flavor and fine texture; adapted to fall and early winter use; a good keeper up to the holiday season. Pkt. 5c, $\frac{1}{2}$ oz. 35c, oz. 60c, 2 ozs. \$1.10.

CELERIAC or Turnip - Rooted Celery

Culture.—Sow the seed at the same season and give the same treatment as common celery. Transplant the young plants to moist, rich soil, in rows 2 feet apart and 6 inches apart in the row. Give thorough culture. As the roots are the edible portion of this vegetable, it is not necessary to earth up or handle it. After the roots have attained a diameter of 2 inches or over, they will be fit for use. To keep through winter, pack in damp earth or sand and put in cellar or leave out of doors, covering with earth and straw, like beets or carrots.

Large, Smooth Prague.—An improved form of turnip-rooted celery, producing large and smooth roots, which are almost round and with very few side roots. Plants vigorous; with large, deep green foliage. Pkt. 5c, oz. 50c, 2 ozs. 90c.



CORN

(French—Mais)

Golden Evergreen

Kernels yellow as June Butter, sweet, tender and succulent; early; 7 to 9 inches long; kernels deep and pointed like the well-known Stowell's Evergreen.

The new variety is a decided improvement on the well-known and popular Golden Bantam, making a larger ear and surpassing that variety in its sweetness and delicious flavor. It is ready for the table just after Golden Bantam. The stalks grow 5 to 7 feet and bear two to four large ears each, which vary in size, being rather smaller than the Stowell's Evergreen, but a most desirable size for table use. The kernels are long and pointed and are borne on a slender cob in irregular rows. In its green state the kernels are light yellow, but they cook to a bright golden yellow. The flavor of the Golden Evergreen is rich, nut-like and delicious, which, together with its productiveness and early maturity is bound to make it one of the most popular sugar corns in cultivation. Price, Pkt. 10c, $\frac{1}{4}$ lb. 25c, lb. 60c, Postpaid. Not offered in Canada by any other seedmen. Stock limited.

"First of All."—(Private Stock).—Earlier than the Cory. Thousands of our customers speak in the highest praise of this incomparable sweet corn. From three days to a week earlier than Cory; an essential boon to market gardeners. An excellent feature is its both white cob and white kernel, while all other so-called "First-of-All" have both red kernel and red cob. The quality is most superior, very excellent and surpassingly sweet. You cannot help being pleased. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 50c.

Mammoth White [Cory].—The earliest and best of all extra early sweet corn. Ears 12 to 14 rowed, 6 to 7 inches long, very sweet, tender and white. Stalks about 4 feet high, usually producing two large handsome ears on each stalk. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Golden Bantam.—Customers say it is the finest extra-early sweet corn they have ever grown. Although the dry grain is entirely free from any flinty glaze, it is exceptionally hard and firm; hence can be planted earlier than any other true sweet corn. The ears, 5 to 7 inches in length, have eight rows of broad grains, extending to the extreme rounded tip. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Howling Mob.—One of the finest second early, large eared sorts; very productive, white, and of excellent quality. Ears 9 to 10 inches long, 16-rowed. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Kendel's Giant.—A large-eared, second early sort; on the order of Howling Mob, but while a trifle earlier, will not average so large an ear; ears 8 to 9 inches long, 12-rowed. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Country Gentleman.—An especially fine quality corn. Ears 7 to 9 inches long, cob small, white and densely covered with irregular rows of long, slender, white grains. Season with Stowell's Evergreen. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Boston Market (Private Stock).—In many sections of the country we hear nothing but praise about it. It is the leader among medium early sweet corns. A 14 and 16-rowed variety, with large handsome

Do not plant before the ground has become warm—nothing is gained by it. Drill cultivation is more profitable than hill cultivation. The smaller varieties may be planted with the drills $2\frac{1}{4}$ feet apart and the stalks thinned to 10 inches apart; the larger sorts should have the drills 3 to 4 feet apart and the stalks a foot apart in the rows. Use some rich manure in the drills. Frequently stir the earth around the roots by hoe or cultivator, but do not draw it up about the stalks. For a succession of corn for family use, to be planted at the same time, we recommend the three following varieties: First of all, Boston Market and Stowell's Evergreen; one pound for 100 hills, 4 to 5 grains to each hill, 10 pounds to the acre.

NOTE.—When comparing prices on Sweet Corn, Beans and Garden Peas, please remember we pay the postage.



Golden Bantam

ears filled with plump, deep, white kernels that retain their milky tenderness for an unusually long period. Quality and flavor surpassingly fine and sweet. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Stowell's Evergreen (Private Stock).—There never was, and we believe there never will be a better late sweet corn than Stowell's Evergreen. It really needs no description, as the "oldest inhabitant" has either grown a crop or has made a meal on this old favorite. Pkt. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Early Evergreen.—A valuable sort, maturing a few days earlier than Stowell's. Ears nearly as large, about 7 inches long, 14 to 16-rowed; grains somewhat narrower than Stowell's; very productive and high quality. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Special prices on larger quantities on application.

POP-CORN, Leading Varieties

Pop Corn should be found in every garden, especially if there are children to enjoy it during the long winter evenings, which bring young people together for social amusements. It is a fact not generally known that pop corn pops best when more than one year old, and that when well popped it becomes twenty times its natural size; thus, a pound will make nearly a bushel of popped corn. Did you ever try pop corn as a money-maker.

Red Beauty.—Fine variety. The stalks average 3 to 4 ears each, from 5 to 6 inches long; kernels of deep red. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

Mapledale Prolific.—Prof. R. L. Wetherell states, "I selected on my Mapledale Fruit Farm this year 10 stalks with 121 ears, or an average of 12 ears to a stalk." Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

Queen Golden.—One of the best and most prolific varieties grown. It pops perfectly white, and a single kernel will expand to a diameter of nearly an inch. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

Cress or Pepper Grass (French—Cresson).

Plant on rich soil, pulverized, in drills six to eight inches apart. That grown in the cool of the season is the best quality. To be used as salad before the flowers appear.

Extra Triple Curled.—A small salad, much used as lettuce. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 60c.

Water Cress (Wasser Kress) (Cresson de Fontaine).—The pleasant and peculiar flavor of the water cress causes it to be highly esteemed for table use. Its culture can be carried on anywhere where there is a sufficient supply of fresh and pure water; it is not even necessary that it should be running water. It can also be grown out of water, in tubs of good soil kept in a very shady place, if watered occasionally. Our packages contain full cultural directions. Pkt. 10c, oz. 75c.



NO MATTER HOW SMALL YOUR ORDER, MAY BE WE WILL APPRECIATE IT. SEND IT TO US.

CUCUMBERS

(French—Cucumbre)



The vines require a warm location. Plant after the ground has become warm in hills, three feet apart for the smaller varieties and five feet for the large sorts. Manure with ashes, guano, or some well-rotted compost, working the manure, just under the surface. Sprinkle vines with plaster or air-slacked lime to protect from bugs. The frame cucumber can be successfully grown in the open air in this country by giving them a well-sheltered location, plenty of manure, and having hills six by six. One ounce for fifty hills. Two or three pounds per acre in drills.

Satisfaction

Twelve to fourteen inches long; very solid, smooth and early; a gem as a slicer. This is a stock of cucumber upon which we have spent much time. The seed we offer is of our own growing and the selection is from the finest types only. The value of it to market gardeners and greenhouse men who desire a uniform, deep green, extra long cucumber will be appreciated as soon as tried. It is a beauty, in color, a rich dark green extending from tip to tip, and holding its own for weeks after the cucumber has reached its growth. Very symmetrical in shape, good size from 12 to 14 inches in length, while many specimens grow larger, its beautiful solid fruit (with hardly any seed cavities,) makes it a perfect gem as a slicer, and in its earlier stages of growth it is an ideal pickler. While picking it, the remark was often made by the pickers, "There is some satisfaction in picking these." Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50.

IXL Improved Long Green.—This fine Cucumber grown from 12 to 16 inches or more in length, and is of superior quality. The young fruits are very largely used for pickling; one of the most productive varieties in cultivation, has for many years been decidedly popular with thousands of our customers. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 65c, lb. \$2.25.

Arlington White-Spined.—Our stock produces very handsome dark-colored cucumbers which excel in crispness and flavor all others. A peculiar feature of this strain is the evenness of size, form and color of the cucumbers throughout the entire crop; they sell at fancy prices in this market early in the season. We annually supply many of the largest growers of cucumbers in Canada with this seed. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. \$1.75.

Snow's Perfected Pickle.—The most symmetrical, best-formed and productive pickling sort; early, small, square ended and dark green. Our select strain of this variety is much superior to stocks generally sold under this name. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. \$1.75.

Giant Pera.—One of the longest of the Long Green (or Black Spine) family; fruit often 15 inches long, slender and very smooth, crisp and solid, with few seeds; color dark green; distinct and desirable. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. \$1.75.

London Long Green.—A standard late, well-known table sort; 12 to 14 inches long, slender, more or less warted, tapering towards the stem end; color dark green, flesh white and firm. We have a superior stock of this variety. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. \$1.75.

Davis' Perfect.—An extra long, dark green type of White Spine; retains its color and good qualities long after being picked; fruit is exceptionally long, smooth, and tapering at both ends; flesh crisp, solid, with few seeds; mid-season. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 85c, lb. \$2.50.

Klondike.—This valuable variety is one of the best for slicing. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. Pkt. 5c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c, lb. \$2.00.

Japanese Climbing.—While all other cucumbers are running vines yet this variety is much more creeping or climbing in its habit; so much so that it quickly climbs on poles or trellises in the same manner as the Pole Lima Bean. It is entirely distinct. The quality is splendid. It is well adapted for pickling as well as for salads. The great advantage of having a cucumber which can be trained on a pole or a fence will be apparent to all. Pkt. 5c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.

Parisian Prolific Pickling.—Decidedly the best of all in quality for pickling. The fruit is of an unusually dark green color, so deep that no coloring matter is necessary in preparing them for the pickling market. Very crisp and tender. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c.

Extra Early Green Prolific, or Boston Pickling.—This is a very prolific variety, largely planted for pickles. The fruits average four to five inches in length when large enough for slicing, and are of excellent quality; but it is chiefly for producing medium-sized pickles that this variety is so highly esteemed. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. \$1.75.

ENGLISH FORCING CUCUMBERS

We wish it distinctly understood that the following varieties are only for forcing, viz.: grown under glass, either in hotbeds or greenhouses. Being very expensive, the packages contain but very few seeds.

Lockie's Perfection.—A remarkably productive variety, bearing fruit 15 ins. in length, perfect models in shape, high quality. Pkt. 25c.

Carter's Model.—The handsomest cucumber grown; perfect in outline; fine flavor. Pkt. 25c.

Improved Telegraph.—Will produce perfect fruit; nine days in advance of all others; of good color, handsome form and fine flavor. Pkt. 25c.

Tender and True.—Perfect in form, of exquisite flavor; one of the best. Pkt. 25c.



One packet each of above 4 varieties, 90c.

CHIVES



We cannot too strongly recommend the growing of a few dozen Chives. When once planted they live forever. It is propagated by division of the root tufts, which should be set out in April or May, in rows, 12 inches, the sets being placed at 4 inches in the row. A few plants placed in the cellar will, as soon as brought to light, sprout and bear an abundance of greens for salads; of a strong onion flavor. Per 12, 20c, per 25, 30c, per 100, \$1.00.

CHICORY (French—Chicoree)

Pursue the same manner of cultivation as for carrot. If to be used as a salad, blanch the leaves by covering so as to exclude the light. If raised for its root, dig about the same time as carrots, wash the roots, then slice either way, and dry thoroughly by artificial heat.

Large-Rooted, or Coffee.—Used as a substitute for coffee. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c.

CITRON

Red-Seeded (For preserving).—Striped and marbled with light green. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.

Colorado (For preserving).—Very large, often weighing 25 pounds each; flesh firm and solid; color pale green. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c.



EGG PLANT

(French—Aubegine)

Plant the seed in March in a hotbed, or for family use in flower pots in a warm window. Transplant in open ground after the weather has become warm and settled in rows 2 feet apart each way. They require a rich soil and as favorable a locality for warmth as the garden will afford. One ounce to fifteen hundred plants.

New York Improved Purple.—Best in cultivation, early, and a fine quality. Pkt. 10c, oz. \$1.20.

Black Pekin.—Large size, skin black, glossy and smooth; flesh white, very solid. Pkt. 10c, oz. \$1.20.



ENDIVE

Also called Winter Lettuce — For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and thin plants to 6 or 8 inches in the row.

Any common garden soil will do, but a rather moist situation is preferable. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. Another method is to invert flower pots over the plants. The leaves are very highly esteemed for use as salads. One ounce for three thousand plants.

Green Curled.—The hardest variety grown; beautifully curled, tender and crisp. Pkt. 5c, oz. 30c, 2 ozs. 55c.

Bohemia Horse Radish

It has larger roots, producing nearly one-third more to the acre than the common sort, after lying in the ground all winter. Horse-radish is like other vegetables—has to ripen before it gets its good qualities. Green horse-radish, that is to say, that which is dug before fully grown, is apt to have a bitter taste and turns black after it is grated, and soon loses its strength. The Maliner-Kren, ripening earlier as it does, will be sought after by the picklers as soon as this fact becomes known. It does not have to be peeled or scraped before grating; has a very thin skin, similar to new potatoes, which can be taken off in the same way; is white as chalk. ½ doz. 25c, doz. 45c, 50 to 100 at \$3.00 per 100, postpaid. By express or freight at purchaser's expense, per 100, \$2.00.

LEEK

(French—Polreau)



Select good onion soil, manure liberally, and plant in April in drills made 6 to 8 inches deep and 18 inches apart and thin to 9 inches apart in the drill. Gradually draw the earth around the plants until the drills are filled level with the surface. Draw for use in October. To be used in soups. One ounce to 1,000 plants.

Broad Flag, or London.—A popular variety; hardy and of good quality. Pkt. 5c, oz. 35c, 2 ozs. 55c, ¼ lb. \$1.00.

Monstrous Carentan, or Scottish Champion.—Large size and very hardy; clear white and of very superior flavor. Pkt. 5c, oz. 30c, 2 ozs. 55c, ¼ lb. \$1.00.



Another splendid novelty of late introduction, very striking in color, most wonderful yielder. Vines are somewhat smaller than the musk melon vine though requiring same cultivation. Fruit is about the size of an orange; orange shape and a bright orange color somewhat russeted. For sweet pickles, pies or preserving they are splendid. In the West and North-west, where fruit is

scarce, they are rapidly becoming popular, as they are easily cultivated, enormously productive and can be used in every way as the peach, except that they are not quite as sweet. You will certainly be pleased with it. Pkt. 5c, oz. 25c, 2 ozs. 45c.

GARLIC

(French—Ail)

Plant the bulbs on exceedingly rich soil, in rows or in ridges 16 inches apart and 6 inches apart in the rows. They are cultivated for their flavor (which is similar to the onion, but more powerful), and are used in soups, etc. ¼ lb. 25c, ½ lb. 45c, lb. 75c, postpaid.

HERBS--Pot, Sweet and Medicinal

A few pot and sweet herbs, for flavoring soups, meats, etc., are indispensable to every garden, while some of the medical herbs will also be found useful. Herbs in general love a mellow and free soil, and care should be taken in harvesting them in a dry state. Cut them on a dry day when not quite in full bloom, and dry quickly in the shade, and when dry pack them in close boxes, entirely excluded from the air. The varieties marked * are Perennial, and when obtained in the garden may be preserved for years with but little care.

	Pkt	Oz.		Pkt.	Oz
Anise.....	5c	20c	Marjoram, Sweet.....	10c	75c
*Balm.....	5c	30c	Penny Royal.....	10c	
Basil, Sweet.....	5c	25c	*Rosemary.....	5c	60c
Catnip.....	5c	60c	*Rue.....	5c	25c
Coriander.....	5c	15c	Saffron.....	5c	20c
*Caraway.....	5c	15c	*Sage.....	10c	75c
Dandelion.....	5c	50c	*Savory, winter.....	10c	75c
Dill.....	5c	20c	Savory, summer.....	10c	75c
*Fennel, sweet.....	5c	20c	Tansy.....	5c	60c
*Hop.....	10c	\$1.00	Tarragon.....	25c	
*Horehound.....	5c	30c	*Thyme.....	10c	75c
Hyssop.....	5c	20c	Wormwood.....	5c	40c
*Lavender.....	5c	60c			

Kohl Rabi or Turnip-Rooted Cabbage

(French—Cho Rave)

Prepare ground as for cabbage then plant about the first of June, in rows 2 feet apart, thinning plants to 12 inches in the row. To preserve over winter, treat as turnips. When young their flesh is tender and resembles a fine Rutabaga, with less of the turnip to which many object. One ounce to 2,000 plants.



Early White Vienna.—The earliest and best Kohl Rabi. Pkt. 5c, oz. 35c, 2 ozs. 65c.

Purple Goliath.—The largest of all; fine for table or feeding stock. Pkt. 10c, oz. 40c, 2 ozs. 75c.

MINT

Mentha.—Generally preferred for culinary and medicinal purposes. The leaves or tops are used in spring salads and eaten dried as sauce with lamb and in soups. For medicinal use, cut just as the flowers appear. It should be cut in very dry weather. Seed Pkt. 25c.

MUSTARD

(French—Moutarde)

Sow in drills one foot apart and cover seed lightly. Thrives readily in almost any soil. Water frequently in dry weather, and for a succession sow every two weeks during the season. Used principally for salads.

White London.—For salad or medicinal purposes. Pkt. 5c, oz. 15c, ¼ lb. 45c.

Certainly one of the greatest novelties of recent introduction. Resembles vine peach in manner of growth, but is distinct in that the unripe fruit is striped with very dark green spots, nearly black, and when ripe is not russeted like the vine peach. Fruit a trifle smaller than vine peach. Has a finer flesh and most desirable acid flavor, thus dispensing with sliced lemon, which is so important in putting up the vine peach. Unexcelled for general canning purposes. Pkt. 5c, oz. 25c, 2 ozs. 45c.



RECEIPES FOR PRESERVING WILL BE SENT WITH EACH PURCHASE OF VINE PEACH AND GARDEN LEMON.



Brown Beauty.—Outer leaves large, thick, broad, green tinged with brown, and covering a solid head which is beautifully blanchd, sweet, tender and well-flavored. Desirable because of its hardness and well adapted to planting. Early or Late. Pkt. 5c, oz. 30c, 2 ozs. 55c, $\frac{1}{4}$ lb. \$1.00.

Improved Hanson.—One of the most reliable, sure-heading sorts; heads globular, large and late; leaves large and very broad, fairly blistered and crumpled, borders finely frilled; color clear light green; quality good. A fine variety for midsummer planting outside, as it withstands the hot season better than most sorts and is a slow seeder. Pkt. 5c, oz. 30c, 2 ozs. 50c, $\frac{1}{4}$ lb. 90c.

Grand Rapids (Selected Stock).—The favorite loose-leaved forcing lettuce. Leaves short, spatulate in shape, excessively blistered and crumpled, and the border heavily fringed; color very light green with no trace of brown. A most handsome and attractive lettuce of good quality. Our stock of Grand Rapids is unsurpassed. Pkt. 5c, oz. 35c, 2 ozs. 60c, $\frac{1}{4}$ lb. \$1.00.

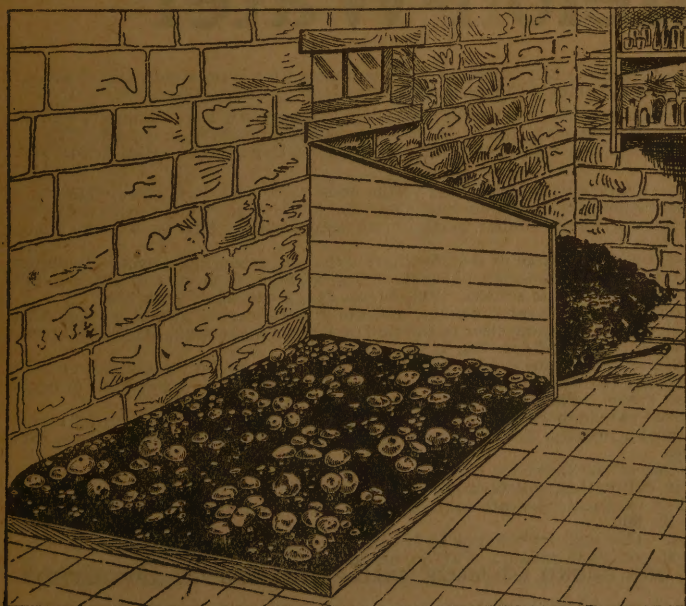
May King (W. S.).—A handsome, extremely early, compact heading variety; leaves light yellowish-green, tinged reddish brown, while the heart blanches a rich golden yellow; quality fine. Pkt. 5c, oz. 35c, 2 oz. 60c, $\frac{1}{4}$ lb. \$1.00.

Black-Seeded Simpson.—The most popular sort of all the non-heading varieties. One of the best for use under glass, as well as for early outdoor planting. The plants form large, loose heads, outer leaves a light yellowish green, with inner leaves blanchd almost white. Resists the heat. Pkt. 5c, oz. 30c, 2 ozs. 50c, $\frac{1}{4}$ lb. 85c.

Mammoth White Cos.—The immense heart is crisp, tender and excellent in flavor; habit, quite self-folding. It might, however, be well to tie it, as they sometimes do in England, making it heart up and blanch more rapidly. Pkt. 5c, oz. 30c, 2 ozs. 55c.

Mixed Varieties.—Cabbage and curled varieties. Pkt. 5c, oz. 15c, 2 ozs. 25c, $\frac{1}{4}$ lb. 40c.

Pamphlet on Mushroom Culture free with each order for one brick.
Book on Mushroom Culture. Contains 32 pages; very complete and with illustrations. Price 35c or sent free with each order for three bricks or more.



LETTUCE

(French—Laitue)

Lettuce covets a rich and rather moist soil. The rows should be about twelve inches apart, and the plants thinned from eight to ten inches apart, for the leading varieties. When heads are not desired it may be grown in a mass. The more rapid the growth the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth. One ounce for three thousand plants.

Immensity.—This grand lettuce is claimed to be without exception the very largest lettuce in cultivation. Notwithstanding its great size it is tender, sweet and crisp. It produces a fine large, solid head, often 12 inches in diameter. It has great heat resisting qualities, being slow to run to seed, so that it is very reliable for a late crop when many other sorts are unfit for use. Do not be prejudiced on account of the great size of Immensity, as it is not coarse, even the outer leaves being tender. Pkt. 10c, oz. 50c, 2 ozs. 90c.

Russian Giant.—This is a tight-heading variety, which resembles a small cabbage in appearance; the leaves comprising the head, being closely folded together and the interior portion blanchd to a clear, rich buttery yellow. The plant will stand for a considerable length of time after heading before running to seed. It is important that this lettuce should have plenty of room to grow. Thin out the plants to 10 or 12 inches apart in the rows and you will have magnificent heads. Pkt. 10c, oz. 35c, 2 ozs. 65c, $\frac{1}{4}$ lb. \$1.20.

Iceberg.—A large, crisp cabbage-heading variety; heads very firm and hard, and well blanchd; leaves unusually broad and somewhat blistered and crumpled, borders finely frilled; color light green with faint brown tracing on the border; quality good. Pkt. 5c, oz. 30c, 2 ozs. 50c, $\frac{1}{4}$ lb. 90c.



Mammoth White Cos.

Pure Culture Mushroom Spawn

A very superior article, made in this country from carefully selected spawn, which we know is much more vigorous than the imported article, and will produce Mushrooms of a very superior quality and flavor.

GROWING MUSHROOMS IS NOT DIFFICULT

Get Reliable Spawn, Start Right and the Results are Certain and Profitable.

No expensive equipment is, or ever will be, necessary for the propagation in money-making quantities. Professional growers have had much to do with spreading the idea that process and equipment are both costly. The plain fact is that anyone who starts right can grow Mushrooms successfully. He must know how to prepare the beds, where to locate them, and how to care for his crop. But the grower of Radishes must know that much about the crop he expects to raise. So that after all, success in growing Mushrooms is hedged about by no more mystery and difficulty than is the growing of radishes. An abandoned outhouse, or waste space in one, a shed, a basement or a cellar can be used for growing Mushrooms and will answer the purpose excellently.

Mushrooms can be grown in tubs, in flats, but the culture requires careful attention and the temperature of the room must be kept at an unhealthy degree. A city man, however, can dig a "dug-out" on the north side of his house, roof it over with rough boards and grow enough Mushrooms for home use. If he wants to roof over a part of an old deserted quarry he can grow Mushrooms for the market. Contrary to popular belief, the culture of Mushrooms in a cellar is healthy. They absorb all the moisture and keep the cellar dry and air pure.

Standard Bricks.—Inoculated from a pure culture transfer. Per brick 45c Postpaid, 3 bricks \$1.25 Postpaid. By express at purchaser's expense, per doz. \$2.25.

Direct Bricks.—Inoculated direct from the pure culture as raised in the laboratory without intermediate transfer. Per brick 55c, Postpaid, 3 bricks \$1.60. By express at purchaser's expense, per doz. \$3.00.

Musk Melon

Select warm and light soil; a poor warm soil is better than a cold rich one. Thoroughly work the soil; manure with a rich compost, having hills six feet apart for musk varieties and eight or nine for watermelons.

Do not excavate the hills, but work the manure just under the surface, as the roots of all vines naturally seek warmth. Pinch the more vigorous vines from time to time, and work in manure or fertilizer between the rows. Plant a dozen or more seeds in each hill, but do not leave over two or three plants. Sprinkle young plants with Slug Shot to protect from depredation of insects. 1 oz. to 100 hills, 3 lbs. to the acre.

Henderson's Bush.—The plants of this new melon grow from 15 to 18 inches in length and two to three plants can be grown in a hill $2\frac{1}{2}$ to 3 feet apart. That this melon will yield per acre practically twice the crop of the vine sorts is shown by the figures that an average of but five fruits to the hill and 4,840 hills to the acre this melon will produce 24,200 fruits per acre, whereas from the vine melons with seven fruits to the hill, the yield would be but 12,194. Furthermore, in the quality of fruit this new melon is extra fine. The flesh is deep, of luscious sweetness, eatable almost to the rind and of light green color tinged with salmon as it approaches the centre. The fruit is of the "Jenny Lind" type but larger, varying in shape from a trifle flattened at the ends to almost spherical. Deeply netted, with shallow ribs. We predict an unusually heavy demand for this grand musk melon, and we advise early orders. Pkt. 10c, oz. 50c, 2 ozs. 90c.

Osage, or Miller's Cream.—A rather large, main crop, oval melon of very superior quality; fruit dark green, slightly ribbed and well covered with a shallow, gray netting; flesh rich orange-salmon, exceedingly thick, with a small seed cavity. One of the very best melons we grow. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Paul Rose (or Petoskey).—An oblong melon of the Osage type, but smaller. The fruits are deep green, slightly ribbed and fairly netted; flesh very thick, deep salmon color, with a very small triangular seed cavity; of the highest quality. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 75c.

Pollock's Solid Rock (Green flesh).—It has the heaviest, thickest flesh and the smallest seed cavity of all Musk Melons. Its oval shape



Henderson's Bush.

is the same as the Rocky Ford. The extra thick green flesh has a beautiful pinkish hue of the most delicious quality. It is a wonderful producer and a profitable market sort. Our seed is direct from headquarters. Pkt. 10c, oz. 35c, 2 ozs. 60c, $\frac{1}{4}$ lb. \$1.10.

"Ordway Queen."—This is an orange fleshed variety of the very best quality, fruits uniformly medium size. The rind is thin; flesh is very thick, firm, highly colored, of fine texture and delicious flavor. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c.

Extra Early Hackensack.—Produces melons two weeks earlier than the well-known Hackensack; heavily netted, and has light green flesh of most delicious flavor; will keep in good condition for several days after picking. Large, fine form; grown for the home garden very extensively. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Bay View (Green flesh).—A very large and productive sort, often attaining a weight of 12 to 15 pounds, and capable of growing even larger under high cultivation. Remains firm a long time. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Rockyford.—One of the finest early melons—home garden. It is oval shape, and colored with a coarse netting. The flesh is thick, green in color, very sweet and juicy and solid clear to the rind. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Princess (Yellow flesh).—Skin dark green well netted. Flesh rich orange. The melon is nearly all flesh. The flavor is absolutely unexcelled. Cannot be overpraised. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Banana.—This curious melon attains a length of 18 to 30 inches and a diameter of 2 to 4 inches. The flesh is deep and of exquisite flavor. It looks and smells like a banana. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c.

Montreal Market.—Excellent; very large, often weighing 18 to 20 pounds; fruit round flattened at both ends, light green, deeply ribbed and well netted; flesh remarkably thick and of superior quality. Pkt. 5c, oz. 35c, 2 ozs. 60c, $\frac{1}{4}$ lb. \$1.00.

Tip Top (Melody).—In shape varies from round to slightly oblong; rather large in size and somewhat late in maturing. Skin pale green, slightly ribbed and lightly netted; flesh rich deep salmon, sweet and spicy. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Defender.—The fruit is medium-sized, oval in shape, slightly ribbed. The flesh is firm, fine grained, rich, deep yellow. Vines are vigorous and very productive. The fruit because of the hard, firm rind, keeps and bears shipment remarkably well. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 75c.

Mixed Varieties.—Best varieties of green, salmon and yellow-fleshed. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Melon-Water

Cultural directions same as Musk Melons. If very large fruit is required pick off all but one melon. One ounce will plant about forty hills; five to six pounds to the acre.

Black Boulder.—Enormously productive, reaching a mammoth size, melons weighing from 75 to 90 pounds are frequent; almost black skin. Flesh bright red and firm. It cuts equal to any market melon and is fast becoming one of the leading melons. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c.

Halbert Honey.—Shape oblong, well filled to the ends, skin very dark green, showing a faint tracing, or indentation in the rind; medium early and fairly large; flesh crimson and very sweet. Kleckley's Sweets is quite similar though more pear-shaped. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Monte Cristo.—Medium to large in size, medium early and exceedingly sweet; oblong in form, slightly tapering towards the stem end; rind very dark green; flesh very bright, rich red and ripens nearly to the rind; white seeded. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Hungarian Honey.—A superb early variety, uniformly globe-shaped and of a solid, dark green color; flesh brilliant red, ripening clear to the rind and of the highest quality; seeds brown and very small. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Tom Watson.—Produces melons weighing from fifty to sixty pounds; the dark-green rind is tough but thin. Deep, red flesh within three-quarters of an inch of the green rind, is crisp, melting, and of finest flavor. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c.

Gilbert's Success.—Medium early very productive, uniformly large; flesh bright red, firm and sweet. Time for ripening 90 days, average weight 35 to 40 pounds. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c.

Cole's Early.—One of the finest for the amateur and the home market. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. Flesh deep red and of extremely delicate texture, sweet, juicy and delicious. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c.

Mixed Varieties.—This mixture contains some of the best varieties in cultivation, averaging as high as 30 to 35 pounds in weight. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c.

PRICES FOR ONE POUND OR MORE WILL BE QUOTED ON APPLICATION.



BLACK BOULDER

RELIABLE ONION SEED

"ONION CULTURE," by Grenier. Price 50 cents.
(French—Oignon)

One of the most important crops grown, both in market and family gardens, and there is no other vegetable where the quality of the seed asserts a greater influence upon the crop than onions. There is more money in onions grown from seed than almost any other crop. Good onion seed is of the utmost importance. Fully realizing this we have for many years made a speciality of onion seed which is all grown from choice, selected bulbs, critically examined before being set out for seed. In vitality it is very strong, being carefully tested. Sowing seed to produce large onions is the cheapest, easiest, best and most satisfactory way.



Onion Seed is shorter in supply than for the past 15 years. European Onion Seed of American varieties is of No Use for Canada. Good, first-class onion seed cannot be sold at less than our price, and we don't believe our customers want to trust European grown Onion Seed.

Cheap Onion Seed is dear at any price.

OUR UP-TO-DATE YELLOW GLOBE DANVERS. Its equal has never been grown.

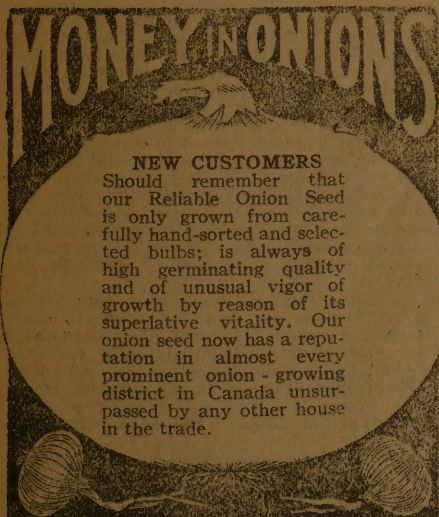
Large onions can easily be grown the first year from the seed by obtaining our seed, which is grown by ourselves or by competent growers especially for us, and is all new crop. It won't pay you to use the cheap, imported grown seeds, which produce a large portion of scullions and onions that will not keep well. Poor seed, even as a gift, is the dearest the planter can use. We want you to try our seed, and have, therefore, put the price down to as low a rate as good, reliable seed can be sold for. Onions do best on a rich loam, previously cultivated for two years. Stiff clay and light sand are equally unfavorable. The land should be highly fertilized with well-rotted manure, complete fertilizers, etc. Fresh stable manure has a tendency to produce soft onions. Drill in 4 to 5 pounds of seed per acre, one-half inch deep. Six bushels of our Rosedale or Yellow Cracker, or ten bushels ordinary sets will plant an acre. See page 45 for description and price. Fine marketable size onions (according to variety planted) are easily produced the first year from early, spring-grown seed. Culture should be frequent though shallow. The same ground may be used for onions season after season if well fertilized annually. Bone meal is an excellent fertilizer. Winter storage demands dryness and protection from sudden changes.

Up-to-Date Yellow Globe Danvers

This is the most perfect type of the globe-shaped onions ever offered. We have been years in perfecting this strain carefully, selecting the most perfect type of bulbs for seed stock, so we have an onion entirely different from the ordinary Yellow Globe Danvers. It ripens early, has a very small neck, the entire crop dying down at one time. It is an immense cropper and will yield more marketable onions to the acre than any strain we are acquainted with. Of the symmetrical shape, large size, average specimens weighing from one to two pounds each. The bulbs are very choice, fine grained, exceptionally mild and very early. It is a grand, magnificent keeper. In many sections it will find ready sale at much higher prices than any other variety. This strain is now as near perfection as an onion can be brought, and as it costs us twice as much to produce this seed as we can buy ordinary eastern-grown seed for, we cannot sell it as cheap as ordinary stock. We have a good thing in onion seed, and we know it; if you buy some you will know it. Pkt. 5c, oz. 40c, 2 ozs. 75c, ¼ lb. \$1.50, lb. \$5.50, by express or freight at purchaser's expense, 4 lbs. or more \$5.25 per lb.

Selected Yellow Globe Danvers

With the exception of our "Up-to-Date" this is the finest all-round onion grown. The enormous quantities annually shipped to market proves its popularity, and it is more largely grown than any other variety. We take unusual precautions to maintain the highest degree of perfection in our stock, and can confidently claim superiority for it. The shape is round, a little depressed at top and bottom. The color is a rich, brownish yellow, making a most attractive bulb. It is medium in size, but remarkably solid and heavy, producing an immense weight per acre. It can be used to great advantage from the earliest date to the last, and it is one of the surest keepers and is delicious, even in its youngest stage. Pkt. 5c, oz. 35c, 2 ozs. 70c, ¼ lb. \$1.30, lb. \$5.00, by express or freight at purchaser's expense, 4 lbs. or more at \$4.75 per lb.



NEW CUSTOMERS

Should remember that our Reliable Onion Seed is only grown from carefully hand-sorted and selected bulbs; is always of high germinating quality and of unusual vigor of growth by reason of its superlative vitality. Our onion seed now has a reputation in almost every prominent onion-growing district in Canada unsurpassed by any other house in the trade.

Growers who grow Onions in large quantities had better ask us for special prices, mentioning kinds and quantities of seed wanted



Southport Yellow Globe.—The bulbs are a true deep globe, having a small neck and a heavy, thick skin which makes it an excellent storage sort; the color is a deep yellow. The flesh is white. Pkt. 10c, oz. 40c, 2 oz. 75c, $\frac{1}{4}$ lb. \$1.35, lb. \$5.00.

Southport Large Red Globe.—The finest type and most popular of the red onions. The bulbs are distinctly globe-shaped, with a small neck, and are excellent keepers; color a deep purplish-red. We have an unequalled strain of this variety. Pkt. 10c, oz. 45c, 2 ozs. 85c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

Southport White Globe.—Of the true Southport Globe form with a thin, delicate skin of purest paper whiteness; flesh is very crisp, fine-grained and snowy-white in color, and exceedingly mild; usually commands the highest price in market. Pkt. 10c, oz. 45c, 2 ozs. 85c, $\frac{1}{4}$ lb. \$1.50.

Australian Brown Globe.—Round or globe-shaped. The onions are thin-necked, and ripen very evenly in all soils. The flesh is pure white, very solid and exceptionally mild. Its exceptional keeping qualities make it a most profitable variety to plant for market. Pkt. 10c, oz. 40c, 2 ozs. 75c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Extra Large Red Weathersfield.—A magnificent strain, far surpassing the ordinary Red Weathersfield in size, productiveness and keeping qualities. Of the finest form, skin-deep purplish-red; Pkt. 10c, oz. 40c, 2 ozs. 75c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50, 4 lbs. or more by express at \$4.25 per lb.

Extra Early Barletta.—This distinct variety is the earliest onion in cultivation; very mild and delicate in flavor; its extreme earliness makes it very valuable for early table use, as well as bunch onions for the market. Exceedingly valuable for pickling purposes. Pkt. 10c, oz. 45c, 2 ozs. 80c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

True Paris Silverskin Pickling.—Without doubt the best of all the varieties for pickling purposes. It grows rapidly but remains small, and is of the mildest possible flavor, making the most desirable of all onions, for this purpose. Pkt. 5c, oz. 50c, 2 ozs. 95c, $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.

White Bunch Onion

Mr. Greiner, the great horticultural writer had this to say about this bunch onion, "In the new bunch onion culture, I am figuring out the profit. Fig. 1 shows a bunch as given in the Cyclopaedia of American Horticulture. I find this onion as hardy as an oak; and the suggestion of a bulb makes it suitable for a bunch onion. A bunch, such as we make them and found ready sale for them, is shown in Fig. 2. These bunches are quite attractive, and coming in a season when green stuff is scarce, is extremely serviceable for the purpose of a bunch



onion. We put about ten stalks to the bundle, or twice as many as found in the average bunch in the market. We could have disposed of a good many more than we did, even in our local market, and Buffalo and the smaller cities near by would gladly have taken large quantities. Where the plants stood fairly thick in the row (as thick as we should aim to have them, and as we can get them by sowing 6 to 8 pounds of seed to the acre, on rich ground), we made four dozen bunches from six feet of row being 14 inches apart. When a spot of ground 14 inches wide by 6 feet long brings one dollar, you can easily figure out that the acre rate is fully \$6,000, less than one-tenth of which goes for labor in preparing (cleaning and bunching) the product for market. The expenses of growing the crop are comparatively slight. I like to sow seed in spring or early summer, not in the fall." Pkt. 5c, oz. 40c, 2 ozs. 75c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Foreign or Italian Onions

Milder in flavor than the American varieties and well adapted for market or home use. In order to get very large onions the first season, start the seed in February, either in the greenhouse, hot-bed or in the house in boxes and transplant in the open ground as early as they can be planted out. Put out about six inches apart in rows.

Spanish King, or Prize-taker.—The handsomest Yellow Globe Onion. This is the large beautiful onion that is seen every fall on sale at the fruit and grocers' stores in the large cities. The outer skin is a rich yellow color, while the flesh is white, sweet, mild and tender. The Prize-taker grows always to a perfect globe shape. The necks are very small, and the onions always ripen up hard. The flavor is mild and delicate, making it a favorite for slicing for salads. It is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from 4 to 6 pounds each. In order to get the largest onions and the best results, the seed should be sown very early in the house or hot-bed and transplanted out in the open ground. We do not dispute of their being grown 4 to 5 pounds each the first season from the seed in some localities (as advertised by some house), but our own repeated trials prove conclusively to us that it cannot be done in this part of the country unless sown as directed above. The same applies to all other sorts of Italian onions. Genuine Prize-taker cannot be offered at less than the following. Pkt. 10c, oz. 50c, 2 ozs. 95c, $\frac{1}{4}$ lb. \$1.80, lb. \$6.50.

Ailsa Craig.—Flavor mild; size immense; solid and heavy; beautiful yellow color; flesh snow-white, solid to the core. Twelve bulbs have been grown to weigh 42½ pounds. While attaining an immense size, from 1½ to 2½ pounds at maturity, it is solid to the core—one of the most desirable points in large varieties. Another year's experience with Ailsa Craig Onion convinces us that its good qualities have not been over-estimated. Pkt. (sufficient to sow 25 ft.), 10c, oz. 50c, 2 ozs. 85c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

Giant.—Grows large size; skin brown; of fine flavor. Pkt. 5c, oz. 40c, 2 ozs. 75c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Mammoth Red Victoria.—Of handsome globe shape, skin very dark, almost red in color; flesh white; flavor very mild and sweet. Pkt. 5c, oz. 45c, 2 ozs. 80c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

Ailsa Craig

Mammoth Silver King.—Attractive form, flattened, but thick through. Single bulbs often attain weight of from 2½ to 4 pounds each. The skin and flesh are white and of a particularly mild and pleasant flavor. Matures early, and is of uniformly large size and perfect form, and will bring a large price in the market. Pkt. 5c, oz. 45c, 2 ozs. 80c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

ONION SETS

London and its immediate vicinity produce probably nine-tenths of the Onion Sets grown in the country. Because of our direct seed selling relations with the growers we are in a position to supply the very best possible at the lowest market price, and we carry in our warehouse a good supply of the following varieties.



Rosedale Strain Yellow Dutch Sets—Finest grown

THE EMERALD—This is a very distinct and handsome variety of quick, robust growth, forming compact ornamental plants, densely furnished with strong-stemmed giant leaves, finely cut, most beautifully curled and crimped and of that brilliant deep emerald green color so highly attractive when used for garnishing. The flavor of the leaves is also unusually rich and aromatic, rendering this variety of especial value where used for flavoring, in sauces, dressing, etc., either when fresh or dried. We recommend the Emerald as the best parsley to grow in the open ground for summer and fall use, in frames for winter use, or in pots or boxes in the kitchen window for perpetual use. (See cut.) Pkt. 5c; oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Champion Moss Curled.—The leaves are a uniform deep green color, very finely cut and so closely curled as to resemble bunches of moss; one of the most useful and decorative sorts. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Dwarf Perfection.—The growth is regular and compact, color a wonderful bright pea-green. The flavor surpasses all other Parsley. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 75c.

Owing to an unfavorable season, Onion Sets are very scarce and high this year. We advise ordering early as the supply is short, and late prices will be higher.

WHY PLANT ONION SETS? Because they produce directly an onion ready for market or the household from Four to Six Weeks Earlier than can be done by the sowing of the seed and the product of the set is identical with that of the seed.

This gives the market gardener ample time to sell his entire crop at a high price, besides enabling him to sow for another crop the same year.

ONION SETS are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season, and advise early orders. "By express or freight" always means the purchaser pays the transportation charges.

BOTTOM ONION SETS.—These are the product of seed planted closely to prevent full development. They are used to produce "green onions" or large onions, which they do much quicker than can be produced from seed.

Rosedale Strain (Yellow Dutch Sets).—This strain is our own proprietary stock, and have maintained their reputation as the best-shaped, best colored sets handled by any Seed House. This strain, for the past ten years, has had to compete against very unfair competition, but always came out with flying colors. They are of excellent color, good shape, good keepers, and produce quickly young onions of fine flavor, which, if allowed to grow on, mature a handsome yellow onion of best table quality. The best evidence of their popularity is the fact that we dispose of them to market gardeners, year after year, who pronounce one bushel equal to two bushels of ordinary Dutch Sets. Order early, stock limited. $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.50, Postpaid, peck by express \$2.00.

Shallots.—Used for pulling early. $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.40c.

English Multipliers, or Potato Onion.—For green onions. $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.40, Postpaid.

Market Gardeners and Others Requiring One Bushel or More Please Ask for Prices.

PARSLEY

(French—Persil)

Select rich soil and sow the seed in drills one foot apart, covering one-eighth of an inch deep. The seed is usually from fifteen to twenty days vegetating. Thin plants to four inches apart when two inches high. The beauty of the plant may be increased by several successive transplantings.



The Emerald Parsley.

PARSNIPS

(French—Panaïs)

Give the deepest and richest soil to parsnips. Make the soil very fine and plant the seed very early in rows 18 inches apart, thinning plants to 3 to 5 inches in the rows. The seeds should be planted half-inch deep. One ounce to 150 feet of drill.

Magnum Bonum.—This is a highly improved type of the well-known Hollow-Crowned, producing uniformly large and handsome roots of stocky form, heavy at the shoulder, well rounded, gradually tapering to the base, so that they are easily dug. The flesh is white,

of fine texture, free from core and stringiness, and especially fine flavored; cooking tender sweet and rich, rendering it one of the finest table vegetables for winter use. This parsnip is the heaviest cropper of all. We recommend it for garden and fine culture. Pkt. 5c, oz. 30c, 2 ozs. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

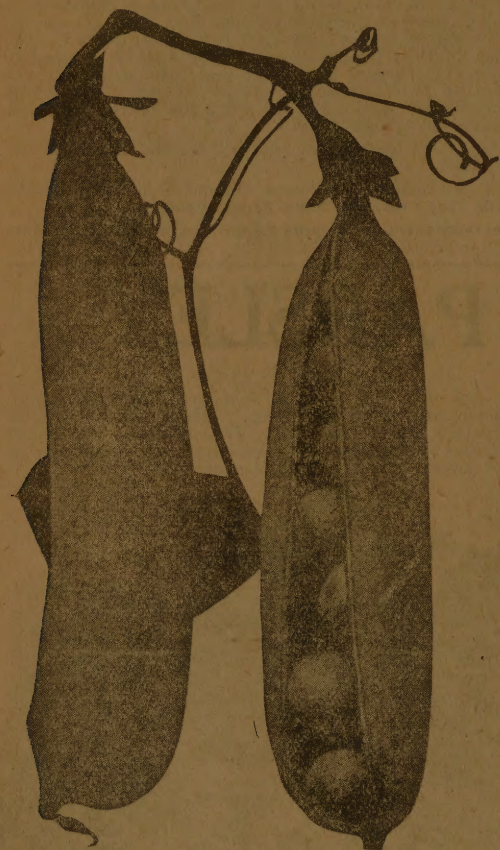
Improved Hollow Crowned.—A great cropper; fine flavored and considered one of the best for general cultivation. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c, lb. \$2.00.

PEAS (French—Pois)

Note—The 1917 crop of Garden Peas was the smallest in the history of the business, some varieties being a complete failure, others did not produce more than the seed sowed, while the heaviest yields throughout were not more than an average crop.

Those marked with (*) are wrinkled varieties, the sweetest of all, but being liable to rot, need to be planted thicker and later than the round sorts. While the tall sort will run too much to vine if liberally manured, the dwarf varieties, on the contrary, need liberal manuring. Have the dwarfs that grow not over fifteen inches high in rows two and one-half feet apart; those attaining to the height of from two to three feet, in rows three feet

Potlatch has become one of our most popular sorts, the demand for this excellent variety among our market gardener friends being enormous; it is not only a favorite sort with them but is equally popular for the home garden. Potlatch is Chenook Indian for Big Dinner, hence the name Potlatch. The vines are vigorous, growing 20 to 24 inches high, with unusually dark green foliage, which can be distinguished from that of other peas a quarter of a mile away. The long pods are a rich dark green in color, often measuring 6 inches or more, with 9 to 11 enormous peas in a pod. The growth of vine is sturdy and pods are borne in pairs; it is a wonder in productiveness, and the way the peas shell out is astonishing. Potlatch matures as early as Premium Gem; no variety known will produce more pods, shell better, or contain more tender and delicious peas to the pod. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c, 2 lb. 75c, postpaid. By freight or express at purchaser's expense, Peck (14 lbs.) \$4.00.



Potlatch or Big Dinner.

MAIN AND LATE CROP VARIETIES

Mammoth Podded Sugar—The peas are not shelled, but the pod is eaten like a snap bean. The pods are stringless, and in flavor, brittleness and succulence are unexcelled. The vines are very tall reaching a height of 5 to 6 feet and requiring support. The full-grown pods are 6 to 7 inches long and $1\frac{1}{2}$ inches broad, and are produced continuously for a considerable period. The pods are sometimes sliced for cooking, because of their size, and may be served with butter or white sauce. They can be made ready for the table in 10 or 15 minutes, and are good even when quite old. Excellent also for pickles. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c, 2 lbs. 85c, postpaid.

PEANUTS

"PEANUT PLANT—ITS CULTIVATION."—Price, 50c, postpaid.

The Savitilla—Every boy, every girl, and almost every person likes peanuts. They are nutritious, palatable and pleasant eating, and if rightly understood, can be raised as easily as cabbage or potatoes, much more productive than the common variety, but more easily raised, ripen earlier and far better for eating purposes. The Savitilla Peanut is a beautiful red variety; strong, hardy and vigorous growing, vines standing up straight and nut contains three to four kernels of a rich and pleasant flavor. A few short rows planted in the garden or field will produce nuts enough to supply a family all winter. Directions for growing will be printed on each pkt. Large Pkt. 5c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, postpaid.



Little Giant.

Thomas Laxton—A very early wrinkled variety of great merit. Vine vigorous, of medium height, about three feet, similar to that of Gradus, but darker in color, hardier and more productive. Pods large, often four inches long, with square ends, similar to but larger, longer, and darker than those of Champion of England, and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c, 2 lb. 85c, postpaid. Freight or express at purchaser's expense, Peck (14 lbs.) \$4.00.

Little Giant (Private Stock)—This is one of the best wrinkled peas in cultivation. As to table quality, it has every feature which makes a wrinkled pea more sweet, tender and delicious than a smooth pea. Little Giant is frequently ready for the table in forty-eight days from the sowing of the seed. The pods, which average 3 inches in length, are square and chunky, containing from 7 to 9 large peas, packed so closely that they are more nearly square than round. The peas are at all times tender and of fine flavor, the vines grow to a uniform height of about one foot. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c, 2 lbs. 75c, postpaid. By freight or express at purchaser's expense, Peck (14 lbs.) \$3.50.

***Gradus of Prosperity**—Large, handsome pods, resembling telephone in size, well filled with large peas, ripening with the earliest. Habit very vigorous, very quick to germinate, to push to maturity; foliage large, pale green in color pods long, straight, slightly rounded at the point. Seed large and wrinkled. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c, postpaid. By freight or express at purchaser's expense, Peck (14 lbs.) \$3.50.

***Surprise**—This vine grows 20 to 24 inches high, and requires no sticks. The Surprise Pea has attracted universal attention, and has everywhere made a splendid record for both quality and quantity. Its sweetness is noteworthy, and it bears with a profusion that is remarkable. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c, 2 lbs. 75c, postpaid, By express or freight at purchaser's expense, Peck (14 lbs.) \$3.50.

***American Wonder**—Extra early, productive, of fine flavor. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c, 2 lbs. 85c, postpaid. By freight or express at purchaser's expense, Peck (14 lbs.) \$3.50.

***Carter's Premier or Improved Little Gem (Private Stock)**—Pods long and well filled; finest flavor. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c, 2 lbs. 85c, postpaid. By express or freight at purchaser's expense, Peck (14 lbs.) \$4.00.

EARLY AND MEDIUM VARIETIES

***Juno**—Pods remarkably large, long, straight, thick through and well filled. Seven or more great peas in a pod. Vines from 18 to 24 inches in height. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c, 2 lbs. 85c, postpaid. By express or freight at purchaser's expense Peck (14 lbs.) \$4.00.

***Duke of Albany**—A very large wrinkled pea. Vines about $4\frac{1}{2}$ to 5 feet high; pods of the largest size, often $4\frac{1}{2}$ to 5 inches long, straight and thick, borne in great profusion, and when in condition for picking of a dark green color. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c, 2 lbs. 85c, postpaid. By freight or express at purchaser's expense, Peck (14 lbs.) \$4.00.

***Prince of Wales**—A long-known standard and popular sort. Hardy, vigorous and upright in habit; pods produced abundantly in pairs near the top of the vine. Peas of first quality. Height $2\frac{1}{2}$ feet. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c, 2 lbs. 75c, postpaid. By freight or express, at purchaser's expense, Peck (14 lbs.) \$4.00.

Improved Stratagem (20 inches)—A very large fine pea, strong and stocky, late. The pods are very large and the peas of the finest quality. The vines are short, so need no support. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c, 2 lbs. 85c, postpaid. By freight or express at purchaser's expense, Peck (14 lbs.) \$4.

***Yorkshire Hero**—Fine main crop; prolific and fine flavor; $2\frac{1}{4}$ feet. Pkt. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c, 2 lbs. 75c, postpaid. By express or freight at purchaser's expense, Peck (14 lbs.) \$3.50.



WE WANT YOUR ORDER, BE IT EVER SO SMALL. TRY US THIS SEASON.



CHINESE GIANT

PEPPER

(French—Pimet)

Peppers should be started in a cold frame or hot-bed. Transplant the young plants into the open ground towards the close of May, having the rows 16 inches apart and the plants one foot apart in the row.

Chinese Giant—Double the size of Ruby King, and equally as mild. This is the largest and finest mild red pepper. Gardeners planting for market will find the Chinese Giant the most profitable variety they ever handled. Not only is it early in ripening and immensely productive for so large a pepper, but its enormous size will cause it to sell most readily. The monstrous fruits are of thick, blocky form, and of most brilliant glossy scarlet. They grow 4 to 5 inches broad at the top and are of equal length, divided into four or more large ridges. When ripe they are indented at the blossom end. All are uniformly of most "enormous size." The flesh is usually thick and extremely mild; as sweet as an apple. It makes an excellent salad sliced and served like tomatoes. The enormous fruit yield so little seed that the genuine seed must be always high. Per Pkt. 10c, $\frac{1}{2}$ oz. 70c, oz. \$1.25.

Long Red—Long, tapering, sharp-pointed fruit, 6 inches long, and is of a deep, glossy scarlet color. Fruit is very fine, and is superior as flavoring for chow-chow, etc. Pkt. 5c, oz. \$1.00.

Ruby King—An improved American sort, reaching the largest size, yet retaining the symmetrical shape of the smaller sorts. It is very bright colored, temptingly sweet and mild flavored. Pkt. 5c, oz. \$1.20.

Long Red Cayenne—A long, slim, pointed pod, and when ripe of a bright red color. Strong and pungent. Pkt. 5c, oz. \$1.00.

Large Bell or Bull Nose—A very large sort, of inverted shape, suitable for filling or for mixed pickles. Flesh thick and less pungent than most other sorts. Pkt. 5c, oz. \$1.10.

Fine Mixed—The above and many other valuable peppers in choicest mixture. Pkt. 5c, oz. \$1.00.

PUMPKIN

(French—Potiron)

All vines delight in warmth and rich soil. Prepare the ground by thoroughly pulverizing. Manure thoroughly, working just under the surface. Plant in hills 9 to 10 feet apart; work some rich, fine manure into each hill. Leave two or three plants to the hill. Keep well sprinkled with Slug Shot in early stages of growth. Cultivate frequently. One ounce to 25 hills; two to three pounds to an acre.

The Enormous—A first-class keeper, having been kept until April without showing any sign of decay. Skin and flesh of a bright golden yellow color. Although of enormous size, it is firm-fleshed, fine-grained, and one of the best pie pumpkins we ever grew. The largest pumpkin at the Western Fair was exhibited by us, and it weighed 350 pounds. Pkt. 10c, 3 for 25c. In pkts only.

Full and complete directions "How to Grow Big Pumpkins and Squashes," sent with every purchase of one packet or more of Enormous Pumpkin.

Sandwich Island—A very fine new and productive variety, growing oblong to a length of 16 to 18 inches, and 7 to 8 inches in diameter. Comes from a remote section of the Sandwich Islands. Remarkably distinct in every way. Of fine size, very prolific bearer and delicious flesh. A deep golden color when ripe. Flesh rich yellow, very sweet, dry and excellent for pies. An excellent keeper. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c.

King of the Mammoths—The flesh and skin are of a bright golden color, fine grained and of excellent quality; it grows to an enormous size, 3 feet or more in diameter, and 100 to 200 pounds or more in weight. Pkt. 10c, oz. 35c, 2 ozs. 60c, $\frac{1}{4}$ lb. \$1.00.

Sweet or Sugar (New England Pie)—Fruit small, round, flattened at the ends, and slightly ribbed; skin and flesh deep orange-yellow; flesh very thick and of high quality. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c.

Large Sweet Cheese—A very early, large-sized pumpkin, often measures 15 inches across top; flat, like a cheese and very productive. It is an excellent keeper, and is of the finest flavor. Splendid for the table as well as for stock-feeding; also largely used for canning. The skin is orange-red. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 80c.

Quaker Pie—The shape is nearly oval tapering slightly toward the ends. Color creamy white both inside and out; flesh sweet and rich. Pkt. 5c, oz. 25c, 2 ozs. 40c, $\frac{1}{4}$ lb. 75c.

Connecticut Field—Generally used for planting in corn for stock feeding, and also for making pies; fruit rather oblong, flattened at the ends, often 15 inches in diameter; smooth, hard, reddish-orange skin with rich, orange-yellow flesh. Pkt. 5c, oz. 15c, 2 ozs. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Japanese Pie—Fine for pies; flesh thick, fine grained, dry and sweet; ripens early; excellent keepers. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c.

Mixed Varieties—All the well-known varieties. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c.



The late Abel Steele and a specimen of the Enormous Pumpkin which weighed 230 lbs.

SUPERIOR SEED POTATOES



Irish Cobbler

IRISH COBBLER, the heaviest cropping early variety.—The tubers are a beautiful creamy white. Eyes strong, well developed, and but slightly indented. Flesh white, and skin often netted—and here let us say, this netted skin on a potato is nature's mark of fine quality. Each tuber is distinctly marked with the small white specks peculiar to that very earliest class, Ohio Junior, Early Market and Six Weeks. In a field test we found the Cobbler ripened a few days earlier than the Early Ohio, and in quality it was equal to that variety. Any of our customers who grow potatoes for early market will make no mistake in securing some of this extra early and most valuable new variety, the Irish Cobbler. All our customers who tested this new and novel variety last season are much pleased, and report having harvested large, handsome, white tubers, very early. It outdid all previous records this season, and is a leader. Resisted the rot better than any other variety the past season. Place your orders for these early. Lb. 35c, 3 lbs. \$1.00, Postpaid; peck \$1.00, bush. \$3.50, bag (1½ bush.) \$4.50.

Improved Green Mountain.—A reliable medium late Potato which is rapidly increasing in popularity—in fact, in some sections it has superseded all other main crop varieties. It seems to thrive in all soils and in all localities, making heavy, healthy vines, and yielding big crops of large, smooth, white skinned tubers of handsome flattish oval form. It cooks white, dry and mealy, and has a desirable flavor exclusively its own. It keeps well, and is not liable to scab or decay. Lb. 35c, 3 lbs. \$1.00, Postpaid. Bush. \$3.50, bag (1½ Bush.) \$4.50.

Early Puritan.—One of the best large early Potatoes. The tubers are rather long, white and smooth-skinned. The vines are of medium length, robust in habit and very healthy, which ensures great freedom from disease and a thoroughly ripened crop. It is a sure and safe cropper and one of the best keepers in cultivation. The flesh is pure white, mealy and perfect in texture and of particularly good quality. Lb. 35c, 3 lbs. \$1.00, Postpaid, peck \$1.00 bag (1½ Bush.) \$4.50.

PURE EARLY ROSE—An Old Standard Favorite Sort

Every farmer and gardener knows the old Early Rose potato, and nothing need be said in its favor. It has no faults, except that ill treatment and neglect sometimes cause a poor or weak strain to be put on the market under the name of Early Rose seed potatoes. We have been at great pains, therefore, to get a true, strong strain of Early Rose grown in the far North, for our stock, and we can offer it as the purest and best that can be had. Early Rose will never go out of fashion as long as the original stock can be obtained. Lb. 35c, 3 lbs. \$1.00, Postpaid. Peck, \$1.00, bush. \$3.50, bag (1½ bush.) \$4.50.

RED RIVER EARLY OHIO (the old reliable).—Early Ohio is, without doubt, the most popular early potato in the country. We have more calls for it always than for any other early. Everyone knows what it is, and knows that it can be relied on for an early market variety in almost every locality. You will, no doubt, have to have a new stock of seed this year. Better decide to have the best, and send your order for some Red River Early Ohios. They grow stronger and more vigorous, maturing the crop in a shorter time and yielding much

IT PAYS TO CHANGE SEED EVERY YEAR

EARLY ORDERS.—Everything points in the direction of a lively demand for Choice Seed Potatoes the coming season, and we would advise customers to send in orders early.

PLEASE NOTE

The prices of Seed Potatoes are subject to market changes and stock unsold. At peck and bushel prices the purchaser pays the freight or express charges. Bags with Potatoes, one Bushel or more, 15c each. If any other variety is wanted, write us and we will endeavor to get it for you. In ordering, please state whether to ship by freight or express.

All transportation Charges must be paid by the buyer. No Potatoes sent C. O. D.

Please do not forget to remit 15c for Bags when one Bushel or more Potatoes are ordered.

more than home seed. Why, even if our seed costs you twice as much as other seed, it will pay big to get it. And then the satisfaction of knowing that your Early Ohios are pure. It is frightful the way this variety is mixed all over the country, and the worst of it is, many growers do not know their seed is mixed. Our Red River stock has a reputation all over the country. We have sold thousands and thousands of bushels. Lb. 35c, 3 lbs. \$1.00, Postpaid. By express or freight: Peck \$1.00, bush. \$3.50, bag (1½ bush.) \$4.50.

Improved Delaware.—It is seldom we find such a combination of size, yield and quality in any Potato. A farmer customer says, it is the finest eating Potato that he knew of. It is a medium early; in size it is large, being above the average; skin and flesh are white; in yield it is a remarkable cropper, while in quality it is unsurpassed. It is one of the few varieties that do well on all kinds of soil. There is no Potato that has stood so many years and given such universal satisfaction among our customers. Lb. 35c, 3 lbs. \$1.00, Postpaid. Peck, \$1.00, bush. \$3.50, bag, (1½ bush.) \$4.50.

EARLY GOLDFINDER.—A potato which is proving to be a money-maker for gardeners wherever planted. It is extra early in maturity, somewhat similar to the Early Ohio in shape, and a potato of most excellent cooking qualities. Makes a very attractive appearance when dug, realizing much higher prices for the Goldfinder than for ordinary kinds, on account of its appearance and quality. Wherever it is grown it speedily becomes very popular, and gardeners will plant it on the largest scale. Lb. 40c, 3 lbs. \$1.10, Postpaid. By freight or express at purchaser's expense, peck \$1.10, ½ bushel \$2.00; bushel \$3.50, bag (1½ bush.) \$5.00.

EXTRA EARLY EUREKA.—As to its origin and history, the originator says of it:

"It has never failed to produce a large crop of extra early potatoes. The plant is dwarf and compact, maturing in advance of the Early Rose and Bovee. It never has had the blight. The tubers are round, slightly flattened; white skin, free from disease; flesh white and mealy; no cores or black specks; quality unsurpassed."

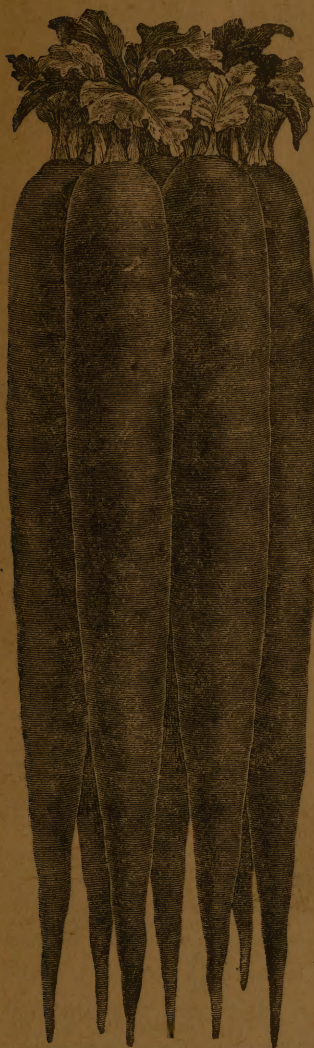
Lb. 35c, 3 lbs. \$1.00, postpaid. By express or freight, peck \$1.00, bushel \$3.50, bag (1½ bushels) \$4.50.

DATE OF SHIPMENT.—Potatoes will be shipped at any date ordered during the winter, but at your own risk. Where no special instructions are given to the contrary, we will hold same until in our judgment there will be no danger from freezing, then ship promptly.

RADISH

(French—Redis et Rare)

For early use, sow in spring as soon as the ground can be worked, in drills six to ten inches apart, covering seed half an inch deep. Thin plants to an inch apart in the row. As the roots are more succulent and tender when grown quickly a rich light soil should be preferred, and frequent watering in dry weather will be found beneficial. For a succession sow every two weeks. French-grown seed. One ounce for 100 feet of drill.



Long White Icicle.

White Chinese or Celestial—This is a fine, long, white radish admittedly the best of the winter sorts. It is of Chinese origin, but is now thoroughly Americanized. Continued selection has made it perfect in shape, size quality and flavor. It resembles California Mammoth Winter, but is superior to that or any other variety with which we are acquainted, as it lacks no qualities desirable in a winter radish. It will grow to a very large size, 8 to 15 inches in length and even larger, according to fertility of soil. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c, lb. \$2.50.

Scarlet Conical (Private Stock)—This very excellent strain is far superior to any other. In color it is a brilliant scarlet, in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. For forcing in greenhouses, hotbeds or cold frames, and for sowing early out-of-doors, there is no other variety that will pay better. Pkt. 5c, oz. 25c, 2 ozs. 35c, ¼ lb. 65c, lb. \$2.50.

Sandringham Long Scarlet—This superb radish originated in the vicinity of London, England, and has been continually used by the gardeners there for more than thirty years. It grows perfectly straight and smooth, six to seven inches in length. Their attractive scarlet-colored skin is very thin, and the flesh crisp, brittle, and of delightful flavor. The finest long, red radish in existence for forcing, and outsells all others in any market, remaining as it does, a long time in perfect condition for the table, after it is first ready for gathering. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. \$2.00.

Crimson Giant—An early turnip radish, double the size of any of the early turnip-shaped type. This variety develops to six and often seven inches in circumference, weighing about four times weight of similar sorts; but, notwithstanding its immense size, does not get hollow or pithy, the flesh remaining sparkling white, solid, crisp and juicy, and of mildest flavor. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 65c, lb. \$2.50.

Long Icicle—Gets its name from the almost transparent whiteness of the root, which has no comparison among all cultivated radishes. It is of the best flavor, very crisp and brittle. It vies in earliness with the earliest forcing sorts, producing nice roots in 22 days from date of sowing. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c, lb. \$2.50.

Sparkler White Tipped—Quite similar to Scarlet Turnip White Tipped as to size and time of maturity. The white, however, extends further up on the radish, and on this account is more popular in some markets. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c, lb. \$2.50.

Fireball—Round rather than turnip-shaped; bright scarlet and of medium size. Small top; very early, and one of the best forcing varieties, following Scarlet Button in three to four days. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c, lb. \$2.50.

Scarlet Button—This radish is quite desirable as an early sort, and particularly adapted to forcing. The color is a vivid scarlet. The flesh is white, crisp, solid and mild. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. \$2.20.

Rosy Gem—A great favorite in many large markets; for early planting out doors. Color very dark scarlet with white tip. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c, lb. \$2.50.

Improved French Breakfast—A medium-sized radish, olive-shaped, small, of quick growth, very crisp and tender, a beautiful scarlet color, except the tip, which is pure white. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c, lb. \$2.50.

Half Long Deep Scarlet (Red Rocket)—Roots are half long, somewhat tapering; at the point, and of a deep, rich red color; of quick growth and seldom pithy. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 65c, lb. \$2.25.

Brightest Long Scarlet, or Cardinal—The handsomest and earliest long radish. This new sort resembles the Early Long Scarlet in shape, and is fit for use in 25 days after sowing. Its color is the brightest scarlet we have ever seen in any radish; tails tipped white. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c, lb. \$2.50.

Scarlet Beauty (Private Stock)—A small, round, turnip-shaped radish of bright scarlet color, distinctly tipped with clear white; fit to pull in 21 days from time of planting the seed. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 80c, lb. \$2.50.

WINTER RADISHES



Black Spanish Winter—A large, black-skinned radish, with firm white flesh of pungent flavor. It is a good keeper, lasting easily until spring. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. \$2.00.

China Rose Winter—Also called Scarlet Winter. A popular favorite, with rose-colored skin. It is a large fine-shaped, radish, growing partly above the ground, 3 to 4½ inches long. Flesh pure white. Flavor mild. A splendid keeper. Pkt. 5c, oz. 20c, 2 ozs. 35c, ¼ lb. 60c, lb. \$2.00.

RHUBARB

(French—Rhubarb)

Sow the seeds in drills 18 inches apart, and cover half inch deep. Thin the plants to a foot apart. When the plants are one year old prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set the plants five feet apart each way. Do not cut until the second year, and give a dressing of manure every fall. If it is desired at any time to increase the bed, take up the roots and divide.

Johnson's St. Martin—The earliest of all; requires less sugar than any other; delicate pink color. Pkt. 5c, oz. 30c, 2 ozs. 50c, ¼ lb. 90c, Victoria, or Giant—Fine flavor, a well-known variety. Pkt. 5c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.

Mixed Varieties—Pkt. 5c, oz. 25c, 2 ozs. 40c, ¼ lb. 75c.

RHUBARB ROOTS

A saving of from two to three years is made by planting the roots. We have well-established roots of the above varieties. Price, by mail, postpaid, 25c each, 3 for 60c, \$2.00 a dozen. By express or freight at purchaser's expense, \$1.50 a dozen, 100 for \$10.00.





PERFECT GEM.—Is a strong grower, as many as twenty-four squashes having been produced on a single vine. Squashes are from 4 to 6 inches in diameter; of a creamy white, with thin, smooth shell, slightly ribbed. Flesh when cooked is dry, sweet and rich in flavor. It is a splendid keeper. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Golden Custard.—The golden scalloped "Patty Pan" or "Cympling" has for years been a favorite summer squash, on account of its earliness, etc. This sort is just as early, more prolific, and the fruits are much deeper, and have less prominent scallops, consequently are easier prepared, contain less waste and almost twice the amount of flesh. The plants are of the true bush habit. Pkt. 5c, oz. 25c, 2 ozs. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

SPINACH

(French—Spinard).



For summer use sow early in the spring, in drills eight inches to one foot apart, covering the seed one inch deep. Select rich soil and manure very liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use, sow in August. The plants are sometimes protected through the winter by a covering of straw.

SQUASH

"Squashes," by Gregory. Price 25c, postpaid.

All vines delight in warm, rich soil. Prepare the ground by thoroughly pulverizing. Manure thoroughly, working in just under the surface. Plant in hills nine to ten feet apart for running varieties, and five to six feet apart for bush sorts; work some rich, fine manure into each hill. Leave two or three plants to the hill. Keep well sprinkled with Slug Shot in early stages of growth. Cultivate frequently. Summer varieties one ounce to 25 hills, two to three pounds to the acre.

Chicago Warted Hubbard.—Our strain of the above will produce mainly the type shown in our photo-engraving, which we consider the Ideal Hubbard for home or for market. For 30 or 40 years this squash has ranked first for a winter keeper. It is shipped thousands of miles in carload lots from west to east every year. With the growing of it, in a large way, it was found that the largest, heaviest, dark, rough-skinned specimens are most valuable and most salable. Because of this, our selection of Chicago Warted Hubbard has been made. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Red or Golden Hubbard.—A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Flesh deep golden-yellow, much richer in color than Hubbard, fine-grained, cooks very dry, and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the green variety. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Mammoth Whale.—This is the best "truly mammoth" squash. The squashes often grow three feet long, of a dark slate color, and sometimes weigh more than 100 pounds. Its greatest diameter is near the blossom end, and tapers from there to each end; this peculiar form, together with its immense size, doubtless suggested the name Mammoth Whale. It is very prolific; the vines are robust and hardy. The flesh is solid, of a beautiful orange-yellow color, and excellent quality. It is also an excellent keeper. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c.

Long Cream Vegetable Marrow.—An English sort of superior quality. Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

Extra Early Orange Marrow (Private Stock).—Color deep orange; rich flavored, fine grained. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Essex Hybrid.—One of the best flavored; a good keeping winter variety. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Mixed Varieties.—This is a mixture of the best summer, fall and winter varieties. Pkt. 5c, oz. 20c, 2 ozs. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose. Ounce to 100 feet of drill; 5 lbs. to the acre.

Long Season.—The best variety to be sown in the spring and at monthly intervals for a succession of summer supply. It forms a dense rosette of thick, tender, succulent, crumbled leaves of intensely dark green color, their great substance and short-leaf stalks enabling them to stand up in hot weather, retaining their freshness for a long period after cutting. While we recommend it also for fall seedlings. Pkt. 5c, oz. 30c, 2 ozs. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

The following varieties: Pkt. 5c, oz. 25c, 2 ozs. 45c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Victoria.—This new variety is distinguished by its exceeding dark black-green color, and also for its very long-standing qualities, being from two to three weeks later than the ordinary long-standing.

Catillon Long-Standing.—It has thick, broad leaves of a fine green color; stands longer than any other.

Giant Thick-Leaved (Private Stock).—One of the best market sorts; long-standing.

OYSTER PLANT OR SALSIFY

(French—Salsafis)

Sow in early spring, in light, rich soil, in drills fourteen inches apart, and thin the plants to three inches in the row. The roots will be ready for use in October. When cooked the flavor somewhat resembles the oyster.

Mammoth Sandwich Island.—One of the most delicious of winter vegetables, and also one of the most nutritious, the flavor is sweet and highly esteemed, whether served boiled with butter or other suitable sauce, or sliced and fried, or used in soup. This new variety, where known, is entirely superseding the old type, as it produces roots nearly double the size and weight and of equally good quality. Seed sown in the spring produces large, fine roots that may be dug and stored in sand or earth in November, thus keeping them plump and sweet, to be used as desired during the winter. Pkt. 5c, oz. 40c, 2 ozs. 80c, $\frac{1}{4}$ lb. \$1.50.

Send us your orders early. There is nothing to be gained by delay.

TOMATOES

(French—Tomato)

OUR SEED IS ABSOLUTELY THE BEST IT IS POSSIBLE TO PRODUCE

"TOMATO CULTURE," by Will W. Tracey. It is no second-hand work of reference, but a complete story of the practical experience of the best posted expert on tomatoes in the world. Illustrated, 150 pages, 60c.

Sow the seed in March and April in the hotbed or in pots, in a sunny exposure in the house. If it is desired to make very healthy, stalky plants, they may be transplanted or repotted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground, on a rainy or cloudy day if possible; if not, the young plants should be liberally watered and shaded from the hot sun. One ounce of seed for about 1,200 plants.

Earlibell—Earlier than any other sort without exception—In a comparative test with Earliana, seeds sown at same time and plants set out at the same time, the Earlibell gave ripe fruit 5 days sooner. Earlibell is surprisingly productive. We have seen clusters containing 20 full-size fruits. This variety is remarkable in this respect. Earlibell is perfectly smooth from beginning to end of season. No variety is more uniform in shape, and all the tomatoes on a cluster ripen at once and are all about the same size. Its color is a beautiful, deep glossy scarlet, which makes the fruits very attractive when exposed for sale.

The table quality is unsurpassed, and with fewer seeds than the other early varieties. Its flavor is all that can be desired. The fruits ripen uniformly all over; stem end coloring up beautifully. Pkt. 10c, ½ oz. 35c, oz. 60c, 2 ozs. \$1.00.

Spark's Earliana—The earliest, smooth, bright red tomato of good size and flavor now in cultivation. The tomatoes are deep scarlet, averaging two and a half inches in diameter; they are smooth and solid, quite thick through. Pkt. 5c, ½ oz. 30c, oz. 50c, 2 ozs. 90c, ¼ lb. \$1.50.

Matchless—Large, handsome tomato, of a rich cardinal-red, remarkably solid and smooth, free from core and uniformly of the finest flavor. The tomatoes are always of the largest size, always perfectly smooth, firm and handsome, long keeping and we say without fear of contradiction that there is no scarlet-fruited tomato the equal of Matchless. Pkt. 5c, ½ oz. 30c, oz. 50c, 2 ozs. 90c, ¼ lb. \$1.50.

Trucker's Favorite—The finest large-fruited purple Tomato. Most regular in form and size, thick-meated and very solid, this is one of the largest smooth tomatoes grown. The smooth, fleshy fruits always bring the highest prices on our market. Pkt. 5c, ½ oz. 30c, oz. 50c, 2 ozs. 90c, ¼ lb. \$1.50.

Bonny Best—Fully ten days to two weeks earlier than "Chalk's Early Jewel." Color glowing scarlet, ripens evenly all over up to the stem. Pkt. 10c, ½ oz. 35c, oz. 60c, 2 ozs. \$1.00.

The Princess—(Private Stock)—The most distinct tomato in habit of growth grown. Will yield more bushels to the acre of first-class fruit than any other known variety. The fruit is of a reddish purplish color, resembling Champion; free from rot or spot; never cracks; almost free from acid. The vine grows very erect. Foliage is very distinct, being more of a potato leaf than any other variety we know of. No other variety can be planted so closely and allow room to pick the fruit. Pkt. 10c, ½ oz. 40c, oz. 75c, 2 ozs. \$1.25.

Chalk's Early Jewel—The most valuable extreme early and "all-purpose" bright-red tomato. Matures only a week or ten days after Spark's Earliana, and in some soils equally as early, while the fruits are larger, heavier, handsome and produced even more abundantly and continuously. Pkt. 5c, ½ oz. 30c, oz. 50c, 2 ozs. 90c, ¼ lb. \$1.50.

Plentiful (Originator's Stock)—Its color is beautiful pink; in shape it is perfectly smooth, making it very handsome and saleable. Pkt. 10c, ½ oz. 40c, oz. 75c, 2 ozs. \$1.35, ¼ lb. \$2.50.



advertised as a novelty under the name of Cape Gooseberry. Pkt. 5c, ½ oz. 30c, oz. 50c.

Strawberry or Winter Cherry—Grows enclosed in husk; excellent for preserves; will keep within husks all winter; very sweet-flavored, small yellow fruit. This is well worth growing for preserves, both on account of its fine quality and immense productiveness. The pretty, bright, yellow fruits also make a handsome desert dish, while the flavor as fruit makes them popular. Ten plants in our trial grounds yielded a bushel of the small fruits. It is much earlier and in every way superior to a similar variety

Dwarf Champion (Private Stock)—A favorite variety with all who grow it; ripens early, and can be grown closer than the spreading vine sorts. Pkt. 5c, ½ oz. 30c, oz. 50c, 2 ozs. 95c, ¼ lb. \$1.75.

Mixed Varieties—All kinds, early and late, large and small, yellow red and purple. Pkt. 5c, oz. 50c.

TURNIPS

(French—Navet)



White Model

White Model (Private Stock)—A perfect globe-shaped, white-skinned turnip of medium size and fine flavor. For early sowing this is one of the best, being crisp and tender; and maturing in six weeks from the time of sowing. A good keeper. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c, lb. \$2.50.

Red Top White Globe (Private Stock)—This is one of the handsomest and most suitable turnips we know of. As a profitable sort for market gardeners it is unsurpassed. For the home garden it is always desirable. It is a large, rapid-growing sort, with globular-shaped roots. Flesh is pure white, of high quality and excellent flavor. The skin is white and purple, will out-yield any other sort. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c, lb. \$2.50.

Purple Top, Strap-Leaved—Popular favorite with all. Will do well to sow either broadcast or in drills, and will form good sized bulbs in seven or eight weeks. Rather flat and of medium size. Color purple above ground, white below; flesh white, fine grained and tender. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.50.

Golden Ball—A superior table turnip of bright yellow color; in flavor it is rich and sweet. A rapid grower; good keeper. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c, lb. \$2.50.

Superb Mixture of Turnips—This mixture contains all the leading varieties of both early and late; a continuous supply may be had throughout the season. Pkt. 5c, oz. 25c, 2 ozs. 45c, ¼ lb. 75c, lb. \$2.50.

TOBACCO

White Burley—Most extensively grown in Kent and Essex. Pkt. 10c, oz. 75c, 2 ozs. \$1.40.

Connecticut Seed Leaf—The hardest variety. Pkt. 10c, oz. 75c, 2 ozs. \$1.40.

Zimmer Spanish—One of the earliest varieties, and the best as the cigar filler. Pkt. 10c, oz. 75c, 2 oz. \$1.40.

FULL and COMPLETE INSTRUCTIONS FROM SOWING OF SEED TO MARKETING OF CROP free to all purchasers of one packet or more

WE WANT YOUR ORDER, BE IT EVER SO SMALL. TRY US THIS SEASON.



RELIABLE COLLECTION OF

Vegetable and Flower Seeds

—JUST THINK OF IT—

29 Grand Varieties of Vegetable and 6 Pkts of Flower Seeds

(ONE PACKET OF EACH) ALSO
1 Large Pkt. SWEET CORN, WAX
BEANS, and GARDEN PEAS.

An Unparalleled Offer, only \$1.50

NOTICE

As these collections are made up before the busy season opens, we are enabled to sell them at 25 to 50 per cent. less than they would cost if the articles were selected separately; or if two or three varieties should be of no use to you, you will still be getting the remainder at much less than catalogue rates. REMEMBER THAT NO COLLECTION CAN BE BROKEN UNDER ANY CONDITION.



\$2.50--No. 1 Vegetable and Flower Collection for \$1.50

1 pkt Beet, Turnip
1 " Cabbage, Early
1 " Cabbage, large, late
1 " Carrot, half-long Scarlet
1 " Cauliflower, extra early Paris
1 " Cucumber, long
1 " Cucumber, pickling
1 " Celery, Giant Golden Heart
1 " Lettuce, Cabbage
1 " Musk Melon, mixed varieties
1 " Watermelon, mixed varieties
1 " Vine Peach
1 " Onion, large Yellow Globe Danvers

1 pkt. Onion, Large Red Weathersfield
1 " Parsnips, Imp. Hollow Crowned
1 " Pepper, mixed varieties
1 " Pumpkin, mixed var., for pies
1 " Parsley, Taber's Exquisite
1 " Radish, Turnip-shaped
1 " Radish, Long Scarlet
1 " Salsify, or Vegetable Oyster
1 " Spinach, Large Leaved
1 " Squash, Imp. Hubbard
1 " Squash, mixed varieties
1 " Tomato, large, smooth
1 " Turnip, White Garden

1 pkt. each Summer Savory, Sage, Thyme
1 " Corn, Early Sweet
1 " Beans, Dwarf Wax
1 " Peas, Early Dwarf, Garden

Flower Seeds

1 " Balsam, Best Double Mixed
1 " Aster, all varieties
1 " Mignonette, Large Flowering
1 " Stock, Dwarf German Ten-Week, mixed
1 " Phlox, Grandiflora, mixed
1 " Mixed Gourds

Above Collection contains 29 pkts. Vegetable Seeds, 6 pkts. Flower Seeds also one large pkt. each Sweet Corn, Wax Beans, Garden Peas, sent to any address, postpaid, for \$1.50.



50c--Boys' and Girls' Collection--50c

FATHERS AND MOTHERS GIVE THEM A SHOW—THIS COLLECTION ONLY
50 CENTS, REGULAR PRICE 75 CENTS.

Not many years ago we were boys ourselves, and we have boys and girls now. This collection contains full-sized packets of 8 useful vegetable and 5 flowers of easy culture. Lettuce—Good the whole season. Radish—Grows quick, good and handsome. Spinach—Very hardy, fine flavored and ornamental. Turnip—Very productive and good for any purpose. Pop Corn—Pop like flakes of snow—large, tender and just right. Peanuts—The largest and sweetest kind. Muskmelon—Very early. Asters—Many colors, large and double. Dianthus—The best Pinks. Petunia—The kind that produces large flowers. Verbena—All fine shades, and our Wild Flower Garden Mixture

Each collection is sent by mail, postage paid on receipt of above price.

NOTHING LIKE ABOVE VALUES OFFERED BY ANY OTHER HOUSE

PLANT DEPARTMENT

BY EXPRESS—We recommend customers to order their plants by express whenever it is possible, as the stock we send is larger and is shipped so as to protect the roots more carefully.

SAFE ARRIVAL GUARANTEED—We guarantee all plants to arrive in good condition. Any complaints must be made immediately the plants have been received. We will then replace any which may not have arrived in good growing condition, but we cannot be held responsible for plants dying afterwards from neglect or any other cause. We do not pay express or freight charges.



The following by mail **POSTPAID** at prices quoted:

ABUTILONS—Flowering Maples
Always popular for pots, vases and baskets. Their flowers are perfect bell-shaped, and appear in masses all summer.

Eclipse—Trailing habit. Flower yellow and brown, foliage green spotted yellow.

Savitz—The large deep green foliage, with a broad white margin, makes a fine contrast; of dwarf compact growth.

Price: Each 30c, two for 50c.

BEGONIAS—Flowering Varieties

Alba Picta—Leaves are pointed, glossy green, spotted white. Each 20c.

Metallica—Large glossy leaves shaded with green crimson and olive, large pink flowers. Each, 25c.

President Carnot—Foliage large, flowers beautiful coral red. Each 25c, set of three for 60c.

CHRYSANTHEMUMS

Chieftain—Midseason, deep clear pink, incurved.

Early Snow—Pure white, perfect form.

Golden Glow—Early large, bright yellow incurved.

Bayard—Dark crimson, late.

Mrs. W. E. Buckingham—The finest single, rose-pink.

Unake—Early, pleasing shade of pink

Each 25c, set of 6 for \$1.25.

CYCLAMEN

Giant Flowered—Beautiful winter blooming plants, most satisfactory for house culture. Each 25c.

OTABEITE ORANGE

Dwarf plant with thick, glossy green leaves and fragrant white flowers, begins fruiting at once, and bears flowers and golden yellow oranges all season. large plants, Each 50c.

PELARGONIUMS

Lady Washington Geranium—Well adapted for pot culture but unsuitable for bedding. The flowers are large and showy. Each 25c.

PONDEROSA LEMON

Has large deep green leaves and pure white, fragrant flowers. Produces very large edible fruit, very easily grown, large plants. Each 50c.

COLEUS

Beautiful foliage plants, splendid for bedding. Each 15c, dozen \$1.50, \$7.00 per 100 by express.

Beckwith's Gem—Crimson-maroon, bordered green and gold.

Firebrand—Bright maroon.

Golden Bedder—The standard yellow bedding variety.

Louis Beck—Chocolate brown.

FUCHSIAS

Each 20c, three for 50c.

Black Prince—Deep rose-pink, single.

Speciosa—Good pink, single.

Trophee—Double purple, superb variety.

FERNS

Roosevelt (The Wavy Boston Fern)—Among the newer forms of *Nephrolepis* this variety attracts the most attention and is probably the best. It is strongly and compactly built with the same generous amount of foliage and depth of color as the Boston. Its leaflets or pinnae being conspicuously waved. Each 25c, 35c, and 60c.

GENISTA

Shower of Gold—Flowers are pure yellow and literally cover the plant, pleasing fragrance. Each 40c.

SILVER LEAVED GERANIUMS

Wm. Languth—Double bright red flowers.

Silver Leaved S. A. Nutt—Double crimson flowers.

Mme. Sallerio—Silver foliage.

Only 25c each, dozen \$2.50.

GERANIUMS

Best double sorts. Each 20c, dozen \$2.00.

Beaute Poitevine—Salmon pink.

Mme. H. Buchner—One of the best whites.

John Doyle—Soft scarlet, trusses large size.

S. A. Nutt—Dark crimson, finest of its color.

Best Single Sorts—Each 20c, doz. \$2.00.

Dryden—A grand bedder, bright rosy red, with large white blotches.

Mrs. E. G. Hill—Salmon Pink, large truss.

John P. Cleary—Deep orange scarlet.

FIFTEEN BEAUTIFUL AND EASILY GROWN PERENNIALS

Each 15c, three of one variety for 40c, one of each for \$1.50, postpaid.

The hardy garden as well as the spring flower-beds must not be neglected. The coming of spring usually brings into bloom, as its first flowers, the Crocus, Narcissus, Tulips, Hyacinths, and other Dutch Bulbs.

With a view to helping our many customers to establish a Perennial border, we have made a selection of fifteen easily grown perennials that should have a place in every garden. All of these have been selected because of the fact that they are easily grown and they are particularly valuable in that they give a long season's range of blossoms. This collection will be sent postpaid to any address for \$1.50.

AQUILEGIA

New Long-Spurred Hybrids—The flowers are much larger, while the colors range from pure white and yellow to deep blue through all intermediate shades and combinations of white and yellow, white and blue, white and pink, white and chocolate, yellow and blue, yellow and pink, yellow and scarlet, yellow and chocolate, lavender and mauve, pale lilac, etc.

CAMPANULA (Bellflowers)

The beautiful Campanulas can be grown with ease in any ordinary garden. They are all free bloomers and very handsome.

COREOPSIS

Grandiflora—This is useful for cutting, producing large, golden-yellow flowers profusely during summer. Height two feet.

DELPHINIUM

Perennial Larkspur—Indispensable to the herbaceous garden. Their long, showy spikes of flowers persist from June till frost.

Gold Medal Hybrids—Plants vigorous, free blooming, with flower spikes 2 feet long. Grand assortment of colors, ranging from lightest blue to purple.

DIANTHUS (Perennial Pinks)

Plumarius (Pheasant-Eye Pink)—The original clove pink.

Scoticus fl. pl. (Paisley or Florists' Pink)—A very pretty double variety of the preceding.

DIGITALIS (Foxglove)

Easily grown perennials attaining a height of from three to five feet, and producing long spikes of beautiful tubular-shaped flowers, many being spotted or blotched.

GAILLARDIA

Grandiflora (New Perennial Hybrids)—(Blanket Flower)—Splendid hardy perennial, invaluable for cutting, and flowering continuously all summer. Colors yellow and crimson. Height, one and one-half to two feet.

GYPSOPHILA

Paniculata (Baby's Breath)—This is one of the most useful and graceful of hardy perennial plants, the tiny white flowers being borne in myriads on such slender stems that they appear as clouds floating in the air. Height, two feet.

CHATER'S DOUBLE HOLLYHOCKS

The illustration conveys but a faint idea of the great beauty of the magnificent long spikes crowded with double flowers three to four inches across, and all of the brightest colors.

HELIANTHUS (Hardy Sunflowers)

Very profitable for summer cutting and massy display.

Soliel d'Or—Clear yellow; closely resembling a Cactus Dahlia in shape and form. 4 feet.

HARDY PHLOX

No class of hardy plants is more desirable than the Perennial Phloxes. They will thrive in any position and can be used to advantage in the hardy border, in large groups on the lawn, or planted in front of belts of shrubbery, where, by judicious pinching back and removing faded flowers, a constant succession of bloom may be had until frost.

PAPAVER NUDICAULE (Iceland Poppy)

The lovely white, yellow and orange-colored flowers are produced on long stiff stems, being most useful for cutting. The plants grow from twelve to eighteen inches in height, and bloom continuously from April throughout the season.

PYRETHRUM—Roseum (Insect Powder Plant)—A fine hardy plant, with large, daisy-like flowers in mixed colors.

SWEET WILLIAM—These make matchless border plants, with heads of bloom of great size and wonderful beauty; should be in every garden; height, one and a half feet.

Perfection—A splendid strain; flowers of many bright colors, large size, and varied markings, including auricula-eyed varieties.



Hybrid Perpetual Roses



We will depend upon this section for the lovely reds and crimsons, and with a few notable exceptions, the old favorites are the best; the perfume too of most of these roses, especially the deep reds, is the true old Damask rose perfume which has been sought after for many centuries. It is almost invidious to mention any of the deep reds, especially in the old favorites, for such varieties as General Jacqueminot, etc., are so well known as to be known even by name in our popular works of fiction; but of the more recent ones the glorious dazzling white of Frau Karl Druschki, its free flowering and ideal habit, at once placed it in the front rank. Large Dormant 2-year-old Plants of the following: Each 50c. Doz. (your selection) \$5.00 postpaid. By express at purchaser's expense, dozen, \$4.50.

Beauty de Lyon—Coral red, shaded with yellow.
 Florence Pemberton—Creamy-white, suffused pink.
 Frau Karl Druschki—White, constant bloomer, best white rose.
 George Ahrends—The best "Pink Druschki."
 George Dickson—Velvety black crimson.
 American Beauty—Crimson, very large globular flowers.
 Black Prince—Very dark crimson.
 Captain Hayward—Bright scarlet, large flowers.
 General Jacqueminot—Bright crimson, very free flowering.
 Hugh Dickson—Crimson shaded scarlet, large, full flowers.
 J. B. Clarke—Crimson, a fine fall blooming, strong growing sort.
 Mme. Gabriel Luizet—Silvery pink. Large, full finely shaped flowers.
 Magna Charta—Pink, large flowers, strong grower.
 Mrs. John Laing—Soft Pink, very fragrant, blooms throughout the season.
 Mrs. R. G. S. Crawford—Rosy-pink, almost constantly in bloom.
 Paul Neyron—Pink, shading to rose, extra large flowers.
 Prince Camille de Rohan—Deep maroon of velvet-like texture.
 Solheid'Or—Reddish-gold shaded with orange.
 Ulrich Brunner—light red, large cup-shaped flowers.

Hardy Hybrid

Everblooming Tea Roses

This section has quickly and deservedly sprung into popular favor, so much so that we give them now the pride of place in our Catalogue. Probably the constant succession of blooms from early summer until late in the autumn, together with the wonderful and ever increasing range of color, have been the principal factors in their popularity. There is the delicate and chaste colors of the Teas, the lovely reds and Crimsons of the H. P. Varieties and the delightful perfume of both; they are hardy, will give quantities of blooms even in the most inclement weather. Large dormant 2-year-old plants of the following: 50c each. Doz. (your selection) \$5.00 postpaid. Dozen by express at purchaser's expense, \$4.50.

British Queen—Buds tinted pink, flowers pure white.
 Duchess of Albany—Deep pink flower, resembles La France.
 General McArthur—Bright scarlet-red.
 Hoosier Beauty—Glowing crimine.
 La France—rosy-pink, one of the best bedding roses.
 Mme. Edouard Herriot (Daily Mail Rose)—Core red, shaded with yellow and bright rosy-scarlet passing to shrimp-red.
 Mrs. Aaron Ward—Yellow, sometimes shaded with salmon and rose.
 Richmond—Scarlet-crimson.
 Augusta Victoria—White, fine form.
 Killarney Brilliant—Deep rosy carmine.
 Mrs. Charles Russell—Rose-carmine.
 Souvenir de President Carnot—Shell-pink.

Hardy Climbing Roses

Each 50c. Four (one of each, purchaser's selection) for \$1.85, postpaid.
 Baltimore Belle—Blush-white, an old favorite.

Climbing American Beauty—Red flowers, like bush-form of that name, very strong growth.
 Crimson Rambler—Deep crimson.
 Dorothy Perkins—Shell-pink.
 Excelsa (Red Dorothy Perkins)—Clear

scarlet, similar to Dorothy Perkins.
 Flower of Fairfield (Ever-blooming Crimson Rambler)—Crimson.
 Queen of Prairies—Rosy-red.
 Seven Sisters—Pink.
 Source d'Or—New, yellow, large double flower, hardy.
 White Dorothy Perkins—Similar to Dorothy Perkins, white.

Moss Roses

Each 50c. The four varieties, one of each for \$1.85, postpaid.
 Blanche Moreau—White.
 Crimson Globe—Deep crimson, large globular flowers.
 Gracillis—Deep pink, well mossed.
 Princess Adelaide—Rose-pink, free flowering, strong grower.

Dwarf Polyantha or Baby Roses

Each 60c. The six varieties, one of each for \$3.50, postpaid.
 Ellen Poulson—Dark pink, large full flowers, fine.
 Mme. Jules Gouchault—Bright vermillion-red, shaded clear orange-scarlet.
 Rodhatte—Cherry-red, a very striking shade.
 Yvonne Rabier—The best "White Baby," full, round, compact plant* rich green, healthy foliage, leaves do not drop.
 Jessie—Scarlet.
 Erna Teschendorff—Carmine-red.



Climbing Rose—Flower of Fairfield.

HARDY CLIMBING VINES

AMPELOPSIS

Veitchi (Boston or Japanese Ivy)—The most popular and best of climbers for covering walls, etc., clinging firmly to brick, stone or other material, and forming a perfect coat of deep, glossy-green foliage, which turns to crimson and gold in autumn. The leaves are ivy-shaped and lap closely over each other, presenting a dense mass of foliage. Of rapid growth. Although of frail habit, it is entirely hardy. Each 30c, 10 for \$2 50

ARISTOLOCHIA

Sipho (Dutchman's Pipe)—A strong growing species with large plate-like overlapping leaves which retain a fresh, light green color through summer and autumn. The pipe-shaped flowers of yellowish-brown appear in July and are concealed by the heavy leafage. Very useful in covering stonework, trellises, etc. Particularly pleasing in effect when introduced upon rustic bridges, summer houses or fences. Strong Plants. Each 50c, 10 for \$4 50

CLEMATIS

Paniculata (Japanese Virgin's Bower)—The finest of all hardy vines for airy grace and beauty. It quickly grows to a height of 15 to 20 feet and spreads out in all directions. In August and September, when most other vines have ceased to bloom, it is completely covered with a sheet of fleecy white, made up of numerous pure white, star-like flowers on long stems, and so fragrant that the air is perfumed to a great distance. Its masses of delightful bloom remain until frost, and are succeeded by tufted seed pods. Extra heavy roots. Each 50c 10 for \$4 50

LARGE FLOWERED CLEMATIS

Any of the following varieties, Each 50c, or one of each for \$1 85, postpaid.

HARDY DECIDUOUS SHRUBS

Until seen, one cannot appreciate the effect that can be brought out by properly arranging and grouping the wonderful assortment of foliage, ranging in color from the darkest green and purple to light orange and silver tints. For hedges, and for giving privacy to home grounds, they are indispensable; and if selected with reference to period of blooming, it is possible to have flowers continuously from April to November. No yard is complete without one or more beautiful shrubs:

BERBERIS (Barberry)

Thunbergi (Japanese Barberry)—Low growing with glossy dark green foliage, which turns to bright red in autumn. The branches are loaded with small bright red berries in autumn and are clothed with sharp spines. Much used in forming low hedges. Each 40c

Vulgaris Purpurea (Purple-leaved Barberry)—Of upright habit with bluish purple leaves and masses of coral red berries in clusters in autumn. Each 40c

DEUTZIA

Crenata Fl. Pl. (Double Deutzia)—Of tall habit. In June, has racemes of double white flowers tinted with pink. Each 40c

Pride of Rochester—Identical with above except the flowers are pure white. Each 40c

Gracilis—Of dwarf habit with a profusion of graceful pendulous white flowers in June. Each 40c

FORSYTHIA (Golden Bell)

A valuable genus of shrubs from China and

Japan, blooming very early in spring. Flowers yellow, drooping, borne in great profusion. Entirely hardy here and of the easiest culture.

Fortunei—A strong growing species, with stout, erect branches and rich green foliage, blooming in April and continuing for some time. It is a conspicuous object in shrubbery. Each 40c

HYDRANGEA

Arborescens Sterilis (Aborecens Grandiflora) **Snowball Hydrangea**—Of upright habit and perfectly hardy. It has large, full heads of snow white flowers in lavish profusion from late in June until the last of August, when but few other shrubs are in bloom. Especially useful for planting in connection with the popular Hydrangea paniculata grandiflora to precede it. Each 50c

Paniculata Grandiflora—One of the best known and most popular of flowering shrubs. Of vigorous growth and spreading habit with broad terminal panicles of pure white flowers; in August frequently a foot long. In September the flowers change to pink or rose color, and remain in good condition for a long time. Ea. 35c

RHUS (Sumac)

Cotinus—(Purple Fringe, or Smoke Tree).—A much admired shrub for its purplish, misty-looking flowers, borne in early June. In the fall the leaves change to brown, red and yellow colors. Each 60c

SPIRAEA

Anthony Waterer—The finest of the Dwarf Spiraeas. It excels all other in brilliancy of color—a purple crimson—and is the most profuse and persistent bloomer of them all. Each 50c

Billardi—Of erect habit and produces long, dense panicles of rosy-pink flowers from June until October. Each 40c.

Callosa Alba—Similar to A. Waterer in habit, but has clear white flowers in dense heads. Each 40c.

Prunifolia Fl. Pl. (Bridal Wreath).—An old favorite. In May and early June there appear along the branches dainty pure white, very double flowers. Its pretty, glossy, deep green leaves change to crimson and purple in autumn. Each 50c.

Van Houttei—The most popular and most valuable of all the Spiraeas. In late May and early June, its pure white flowers are produced in such masses as to entirely cover the broad spreading bush. Frequently planted in hedges (See cut). Each 40c.

Henryi—The best variety, producing large white flowers. Its large, clear, ivory white flowers appear in great numbers throughout the summer.

Jackmanni—The most popular of the large flowered varieties. Its flowers are rich, velvety, violet-plum and are produced in such profusion as to form a veritable cloud of bloom.

Mme Baron-Veillard—A strong grower and an exceedingly free bloomer. It blooms later than others of its class and continues until frost. Flowers large and rosy-lilac.

Mme Edouard Andre—Also of the Jackmanni type. The flowers are usually six-petalled, of a pleasing shade of rosy-carmine and are produced in bewildering profusion.

HONEYSUCKLE (Lonicera)

Hall's Japan (L. Halleana)—An evergreen variety of vigorous growth. From May to November it produces pure white, fragrant flowers, that change to buff in profusion. Each 50c

1. **Supervirens** (Scarlet Trumpet Honeysuckle)—Blooms more or less all summer. Long, deep crimson flowers borne profusely in clusters. The flowers are followed by ornamental scarlet berries. Each 50c

Monthly Fragrant or Dutch (L. Belgica)—During June and July it produces a profusion of red and yellow delightfully fragrant flowers. It is frequently termed Woodbine. Each 50c, one of each \$1 35, postpaid

WISTARIA

Chinese Blue (Sinensis)—The flowers of soft, dainty lavender blue are produced in pendulous racemes a foot or more long in May, before the leaves expand. They appear in great numbers. Each 60c

Chinese White (S. Alba)—Similar to the blue variety but with pure white flowers. Each 60c



TAMARISK (Tamarix)

Indica (East Indian Tamarix).—Of strong upright growth with airy leathery foliage and a wealth of small light pink flowers during summer and early autumn. Each 50c.

VIBURNUM (Snowball)

Plicatum (Japanese Snowball).—A choice hardy shrub of compact upright habit. It produces large elegantly formed dense clusters of pure white flowers in great profusion during the last of May and early June. Each 60c.

Opulus Sterilis (Common Snowball or Guelder Rose).—An old variety that retains its popularity. Of strong growth and spreading habit. In late May and early June it bears large round clusters of pure white flowers hung on long swaying stems. Each 50c.

WEIGELA (Diervilla)

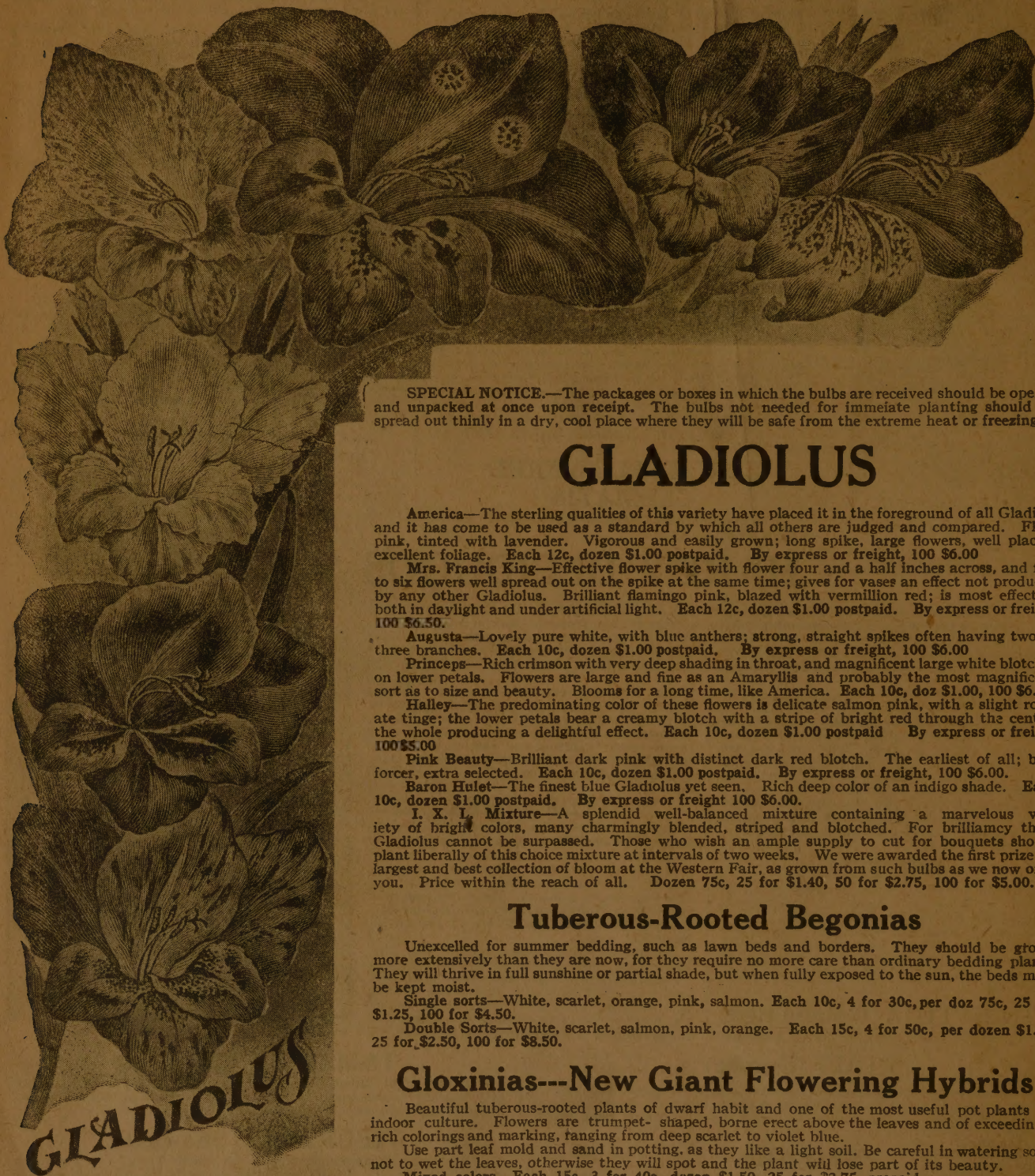
Candida.—Similar to the above except the flowers are pure white and are produced all summer. Each 50c

Eva Rathke.—Flowers deep garnet red, produced in abundance throughout the summer and autumn. Each 60c.

Variegated-Leaved (W. rosea nana variegata).—Not so strong in growth as the others. The leaves are deeply margined with clear creamy white, distinctly defined. In June it produces light pink flowers in lavish profusion. Each 50c



Summer Flowering Bulbs



SPECIAL NOTICE.—The packages or boxes in which the bulbs are received should be opened and unpacked at once upon receipt. The bulbs not needed for immediate planting should be spread out thinly in a dry, cool place where they will be safe from the extreme heat or freezing.

GLADIOLUS

America—The sterling qualities of this variety have placed it in the foreground of all Gladioli, and it has come to be used as a standard by which all others are judged and compared. Flesh pink, tinted with lavender. Vigorous and easily grown; long spike, large flowers, well placed; excellent foliage. Each 12c, dozen \$1.00 postpaid. By express or freight, 100 \$6.00

Mrs. Francis King—Effective flower spike with flower four and a half inches across, and five to six flowers well spread out on the spike at the same time; gives for vases an effect not produced by any other Gladiolus. Brilliant flamingo pink, blazed with vermillion red; is most effective both in daylight and under artificial light. Each 12c, dozen \$1.00 postpaid. By express or freight 100 \$6.50.

Augusta—Lovely pure white, with blue anthers; strong, straight spikes often having two or three branches. Each 10c, dozen \$1.00 postpaid. By express or freight, 100 \$6.00

Princes—Rich crimson with very deep shading in throat, and magnificent large white blotches on lower petals. Flowers are large and fine as an Amaryllis and probably the most magnificent sort as to size and beauty. Blooms for a long time, like America. Each 10c, doz \$1.00, 100 \$6.00.

Halley—The predominating color of these flowers is delicate salmon pink, with a slight rose-ate tinge; the lower petals bear a creamy blotch with a stripe of bright red through the centre, the whole producing a delightful effect. Each 10c, dozen \$1.00 postpaid. By express or freight 100 \$5.00

Pink Beauty—Brilliant dark pink with distinct dark red blotch. The earliest of all; best forcer, extra selected. Each 10c, dozen \$1.00 postpaid. By express or freight, 100 \$6.00.

Baron Hulet—The finest blue Gladiolus yet seen. Rich deep color of an indigo shade. Each 10c, dozen \$1.00 postpaid. By express or freight 100 \$6.00.

I. X. L. Mixture—A splendid well-balanced mixture containing a marvelous variety of bright colors, many charmingly blended, striped and blotched. For brilliancy these Gladiolus cannot be surpassed. Those who wish an ample supply to cut for bouquets should plant liberally of this choice mixture at intervals of two weeks. We were awarded the first prize for largest and best collection of bloom at the Western Fair, as grown from such bulbs as we now offer you. Price within the reach of all. Dozen 75c, 25 for \$1.40, 50 for \$2.75, 100 for \$5.00.

Tuberous-Rooted Begonias

Unexcelled for summer bedding, such as lawn beds and borders. They should be grown more extensively than they are now, for they require no more care than ordinary bedding plants. They will thrive in full sunshine or partial shade, but when fully exposed to the sun, the beds must be kept moist.

Single sorts—White, scarlet, orange, pink, salmon. Each 10c, 4 for 30c, per doz 75c, 25 for \$1.25, 100 for \$4.50.

Double Sorts—White, scarlet, salmon, pink, orange. Each 15c, 4 for 50c, per dozen \$1.30, 25 for \$2.50, 100 for \$8.50.

Gloxinias---New Giant Flowering Hybrids

Beautiful tuberous-rooted plants of dwarf habit and one of the most useful pot plants for indoor culture. Flowers are trumpet-shaped, borne erect above the leaves and of exceedingly rich colorings and marking, ranging from deep scarlet to violet blue.

Use part leaf mold and sand in potting, as they like a light soil. Be careful in watering so as not to wet the leaves, otherwise they will spot and the plant will lose part of its beauty.

Mixed colors—Each 15c, 3 for 40c, dozen \$1.50, 25 for \$2.75, prepaid.

MADEIRA VINE

Tuberous-rooted climber, with glossy green leaves and delightfully fragrant white blossoms. Sometimes called Mignonette Vine. It is of rapid growth, and from a few tuber vines will be produced sufficient to cover one side of a cottage in a single season. The tubers are tender and must be protected from frost during the winter. Each 10c, dozen \$1.00.

CINNAMON VINE

A highly desirable climber. The beautiful vine makes shoots sometimes 25 feet or more in length, and in a remarkable short space of time, and will quickly cover an arbor, trellis or verandah with a profusion of handsome foliage amid numbers of white blossoms. Each 10c, 6 for 50c, postpaid.

LILLIES

Auratum—The Golden-banded Lily of Japan—Immense white flowers, each petal marked with a wide gold band, spotted with maroon; very free blooming. It is considered by many the finest of them all. Each 30c, dozen \$3.00.

Album—Pure white and very fragrant. Each 30c, dozen \$3.00.

Rubrum—White ground, with band and spots of rose or crimson on each petal. One of the best. Each 30c, doz. \$3.00.

Malpome—Large flowers, rich blood-crimson, heavily spotted. Each 30c., dozen \$3.00. One of each color for \$1.00.

YOU SHOULD NOT NEGLECT TO ORDER SOME OF OUR I.X.L. MIXTURE GLADIOLUS. THEY ARE GRAND.

DAHLIAS

RARE CACTUS DAHLIAS.

Each 25c., Dozen \$2.50, Purchasers selection.

The following embraces the very best Cactus to date. The highest types of perfection in Cactus dahlias, and from our observations in the fields we offer them with the utmost confidence that they will give the greatest satisfaction to Dahlia lovers who want the very best to be had.

Cockatoo.—Clear yellow, tinted fawn, tipped white. Very large beautiful form, full to the centre.

Comet.—Very large, silvery lake, penciled and spotted crimson.

Countess of Lonsdale.—Yellow, suffused salmon red, tinged violet.

Candeur.—White.

Earl of Pembroke.—Rich, velvety plum.

Golden Gate.—Finest yellow.

Hagen.—Red.

Kriemhilde.—Deep rosy pink with lighter center.

Libelle.—Beautifully formed, dark purple, profuse bloomer.

Mrs. J. H. Jones.—Scarlet and Cream.

Prince of Yellows.—Soft, golden yellow.

Perle de Lyon.—White.

Rosy Morn.—Bright carmine rose tinting lighter toward the base of the petals.

Rev. Jamieson.—Mauve.

Strahlen Krone.—Bright violet crimson.

Success.—Yellow. **Vivid.**—dwarf red.

Wodan.—Flesh.

DECORATIVE DAHLIAS.

Each 25c., Dozen \$2.50, Purchasers selection.

The Decorative Dahlia is an intermediate class between a Cactus and Show Dahlia. The most popular and valuable of Double dahlias. The flowers are very large full to the centre. They are of varied forms, flat, incurved or reflexed petals, but above all, strong vigorous growers, early and free bloomers. Among this class is found many of the best commercial cut flower varieties.

Black Beauty.—Deep, velvety maroon shading black.

California.—Sulphur yellow, shaded darker.

Claribel.—Bright imperial purple.

Crimson Giant.—Richest glowing crimson.

Cuban Giant.—Rich velvety purple shaded maroon.

Clifford W. Bruton.—Very large, clear canary yellow.

Fire Rain.—Very profuse bloomer, rich cardinal red.

Grand Duke Alexis.—White edged lavender, quilled petals.

Jack Rose.—That brilliant crimson red that makes the "Jack" Rose popular.

Jumbo.—Deep red, shaded maroon. **La France.**—Rich cerise.

Lyndhurst.—Brightest vermillion, the best bright red.

Maid of Kent.—Rich cherry red, tipped white.

Orange King.—Richest shade of orange.

Professor Mansfield.—A giant, a pleasing combination of yellow red and white.

Zulu.—"The Black Dahlia". A great favorite, velvety maroon, shaded black.

Alex. Immer.—Black.

Standard Bearer.—Fiery red.

Jean Charmet.—Rose.

Glory de Lyon.—White.

Ste. Mary.—Pink.

Princess Juliana.—White.

SHOW DAHLIAS.

Each 25c., \$2.50 per dozen, Purchasers selection.

Show Dahlias are a branch of the old Ball type, being of perfectly full rounded regular form, cupped or quilled petals and solid color or tipped darker than the ground color.

Pleasance.—Intense vermillion red very large.

Queen of the Belgians.—Soft sea shell pink.

Susan.—Soft blush pink, splendid form and free bloomer.

A. D. Livoni.—Clear, bright pink quilled petals, the best pink show dahlia.

Arabella.—One of the loveliest soft primrose, shaded and tipped rose.

Bird of Passage.—White, heavily tipped crimson.

Crimson Ball.—Bright crimson edged lighter.

Mrs. Dexter.—Rich Salmon.

Queen Victoria.—Rich golden yellow.

Queen of the Yellows.—Clear canary yellow.

Red Hussar.—Richest dazzling cardinal red.

Storm King.—The earliest white show dahlia, perfect form.

FANCY DAHLIAS.

25c. each, \$2.50 per dozen.

Fancy Dahlias are of the same form, type, etc., as Show dahlias only are spotted, penciled or striped, two or more colors, are tipped lighter than the ground color.

Admiral Schley.—Rich garnet, tinting to carmine and white at tips of petals.

Decorator.—White suffused, spotted and penciled pink.

Eloise.—Rich velvety maroon, tipped white.

Emily May.—Yellow, blotched bronzy red.

Frank Goodman.—Crimson purple tipped white.

Gold Medal.—Brightest yellow, spotted and penciled vermillion.

Keystone.—Pleasing lilac, pink penciled crimson.

Lucy Faucett.—Very large, pale yellow, penciled carmine.

Miss Browning.—Very clear canary yellow, tipped white.

Olympia.—Large, deep pink, penciled and striped crimson.

Penelope.—White, flaked rosy lake beautiful and chaste.

Starter.—Purple tipped white.

Striped Banner.—Scarlet, with white band through the centre. of each petal. **Uncertainty.**—Varies from blush pink to dark red.



PAEONY FLOWERED DAHLIAS.

Price 35c. each; \$3.50 dozen; Purchaser's Selection.

This is one of the newer types, also called the Artor Artistic Dahlias. The true type resembles the Japanese Paeony, yet several of the most valuable and popular varieties differ from the true type. The formation is most exquisite, but above all of the large size and an early, extremely profuse and continuous bloomer. It also promises to be one of the popular cut flowers.

Big Chief. Enormous size, rich, crimsoned margined Maroon.

Cleopatra. Rich, ornamental red, base of petals primrose yellow.

Geisha. The most striking color combination, golden yellow, changing to bright scarlet at the centre of the petal, and back to gold at the tip. Giant flowers on long wiry stems.

Ironmonger. Very large size. Pale lavender, with a delicate suggestion of pink throughout.

Konigen Emma. A charming shade of mallow, or hollyhock pink, the inner petals banded with gold.

Wilhelmina. Immense fluffy flowers of pure white with yellow center.

Mrs. McMundy. Lilac mauve, long stems, very free.

Mrs. Carter Lewis. Pale lilac, suffused with rose.

Sensation. Vermillion red, tipped snow white. Distinct and striking.

Sunny Jim. Bright yellow, blending with red, deepening toward the end, and ending with a yellow tip.

CENTURY DAHLIAS.

25c. each; \$2.50 per dozen.

This entirely new race of single dahlias was originated and introduced in 1901. We consider to-day that the New Century Dahlias occupy first place where beauty of coloring and artistic effect is desired.

Spanish Century. Pure yellow, pencilled glowing red, giant size.

Wildfire Century. The brilliant rich scarlet of the old Wildfire acknowledged the best commercial scarlet.

Crimson Century. Rich crimson, rose Band around disc.

Cardinal Century. Rich cardinal red, the best deep red.

Constant Century. Like 20th Century, but holds its color, hence the name.

Delicattissima Century. Long pointed petals, color white, flushed pink.

Fringed 20th Century. The first of a new race, with cleft or serrated petals. Color bright, very rosy crimson with lighter markings.

Gladys Century. Center of petals rosy crimson, with rose pink bank on either side, and white zone around the yellow center.

Hazel Heiter. Rich Crimson, beautifully shaded with white tips, and white zone around yellow center.

Iris Century. Purple blotch on rosy lake ground.

Pencilled Century. Rose pink, shaded cerise, pencilled crimson.

Rose Pink Century. Best deep pink, enormous flowers, and continuous bloomer.

COLLARETTE DAHLIAS.

25c. each; \$2.50 per dozen; purchaser's selection or the 7 varieties; 1 of each for \$1.50 postpaid.

This uniquely distinct class of type is rapidly gaining in popularity. The flowers are single, with a row of small or collar petals around the center. These collar petals are generally distinct in color from the rest of the flower.

Burg Siefurch. Large, dark velvety red, tipped violet, light yellow collar.

Etenderd De Lyon. Scarlet, with creamy white collar petals.

Exposition de Lyon. Rich garnet. Collar white striped suffused crimson.

Grand Papa Charmet. Bright crimson with yellow collar.

Henry Farman. Brilliant cardinal red, frequently edged with creamy yellow. Creamy yellow collar.

Mme. F. G. Bruant. Rich velvety maroon, very large, and splendid form, pure white collar.

Mme. Viger. Richest garnet. Collar petals white, faintly suffused carmine.

Choice Fruits

ALL OUR PLANTS ARE STRONG AND WELL ROOTED. GROWN ESPECIALLY FOR OUR LARGE MAILING TRADE and will be packed carefully and sent in good time, so order early. We can send plants by mail to Manitoba and British Columbia without any trouble, so please send us a trial order. WE GUARANTEE THE SAFE ARRIVAL OF ALL SMALL FRUITS CATALOGUED. Single plants, half dozens and dozens postpaid on receipt of price. Half-dozen furnished at dozen rates; fifty at hundred rates

New Everbearing Strawberry 'Superb'

Every season that we grow the Superb Everbearer, our faith in this variety grows stronger. In this Spring and early Summer Superb produces as many berries as any variety grown. It also produces abundantly throughout August, September and October, the berries produced in the Fall are even larger than those produced in the Spring and early Summer. There is practically not a day from June 1st to November 1st that one cannot pick big delicious berries from the Superb ever-bearer. The foliage of this variety is large and gives an excellent protection beneath the foliage. The berries are not only large but very firm, good keepers, and excellent shippers. Indeed, Superb is a big money-maker for growers who wish to produce for market. It also is an ideal berry for home use, enthusiastic reports come to us from customers who are growing this variety. Each 10c; 3 for 25c; doz 75c; 100 for \$3 50, postpaid

STRAWBERRIES

Any of the following Field-grown plants—Price, postpaid, Doz., 35c; 25 for 50c; 50 for 90c; 100 for \$1 65. By express at buyer's expense, 100 for \$1 25; 1,000 for \$8 00; 250 of a kind at 1,000 rate.

KELLOGG'S PRIZE—The late berry without a fault. Unquestionably the heaviest fruiting late variety ever originated; the berries are not only borne in great quantities but are very large and most beautiful, and their quality is ideal in every respect. It has no preference for any particular soil or climatic conditions, but produces its customary big load of berries wherever it is grown. Kellogg's Prize is a very strong grower, makes a tall foliage which protects the blossoms from frosts and affords shade for the berries, protecting them from sun-scald.

WILLIAMS, IMPROVED—This wonderful variety continues to grow in popularity, and each year the demand for plants is greater than the last. The reason for this is that it has proved more uniformly profitable than other sorts and succeeds almost anywhere strawberries can grow. It makes an ideal stand of strong, healthy plants, and produces enormous crops of large, dark red firm berries. One of the very best shippers, and always in great demand for canning.

SENATOR DUNLAP—Plants very healthy, strong, vigorous. Fruit is large, uniform, smooth, and of excellent quality. It is firm and a splendid shipper.

WARFIELD—A well-known and very popular variety, not to be allowed to mat too thickly for best results. If rightly managed, it produces wonderful crops of good-sized, deep red berries that carry well, and are among the best for canning. Does best on rich, moist soil.

LONGFELLOW—Extra early. Ever since we began selecting and fruiting this variety in 1905, it has steadily grown in popularity. In form, the fruit is long and of perfect strawberry type, in color it is dark red which extends from circumference to center. In flavor it is as rich as any variety we have ever tested and is very mild and sweet. It is a profuse bloomer and every bloom is perfect making it an ideal pollinizer of pistillates of the early and mid-season. Longfellow is growing rapidly in popularity.

WM BELT—This old variety retains its popularity with amateur gardeners, being without doubt one of the finest and best flavored of all berries. Grown in hills with high cultivation it will more than please you.

White Grape—Bush vigorous, somewhat spreading, productive; clusters long; berries large to very large, averaging large; of very attractive color, mild flavor and good quality. A good table variety.

Fay (Fay's Prolific)—Bush vigorous, but not quite so strong a grower as Cherry; cluster medium to long, with rather long stems; color, darker red than cherry; berry averages large; juicy and less acid than Cherry.

Victoria—The best late variety. Bunches long, berries of medium size, pale red and of superior quality.

GRAPES—Each, 35c; Dozen, \$3.50

Brighton (Red)—Bunch medium to large, long, compact, shouldered; berries medium, skin thin, flesh tender, sweet with scarcely any pulp; quality best. Vine is vigorous grower, healthy, hardy and productive; one of the best early red grapes.

Concord (Black Early)—Decidedly the most popular grape in America, and deservedly so. Bush large, shouldered, compact; berries large; flesh juicy, sweet.

Niagara—The vine is hardy and a remarkably strong grower; very large bunches, uniform and very compact; larger than Concord, and skin thin but tough; quality melting and sweet. Ripens with the Concord.

St. Regis Everbearing---The 'Early 'Till Late' Raspberry

The introducer says: The St. Regis has sustained the broad claims made for it. I append the description that appeared in former editions of my catalog. I have nothing to "take back," though could add much did space permit.

Raspberries for four months. That's what you get when you plant the St. Regis. Moreover, they are not only raspberries, but raspberries of the very highest grade—in size, in brilliant crimson color, in firmness, in flavor.

The merits of this truly reliable everbearing raspberry may be summarized as follows:

1. It is the earliest of all red raspberries; beginning to ripen from June 15th to 20th—Just as the strawberry crop is waning.

2. It is wonderfully prolific; the first or main crop being far greater than that of any other red variety known (equalling the most prolific blackcap or purple cane sort.)

3. It gives a crop of fruit all summer and autumn, fruiting on the old canes in generous quantities until late in August. By this date berries begin to ripen upon the young, i. e., current year's canes, which continue to produce berries in increasing numbers until late autumn; in fact, until severe frosts occur.

4. The berries are of a bright crimson, of large size and of surpassing quality—rich, sugary, with full raspberry flavor. They are of exceeding meaty, firm texture and keep in good condition longer, after being gathered, than any other red raspberry. As a shipper it is unexcelled.

5. The canes are of a stocky, strong growth, with a great abundance of dark green leathery leaves.

6. It succeeds upon all soils, whether light and sandy or cold, heavy clay, and the canes are absolutely hardy.

Each 20c; doz \$2 00, postpaid; 100 \$8 00 by express 6 at doz rate; 50 at 100 rate

RASPBERRIES—Each 15c; 12, \$1 50

Cuthbert—Deep, rich crimson, large to very large; very firm. One of the very best market varieties. Season medium to late. A remarkably strong and productive variety.

Herbert—Hardy and very productive. Fruit, bright, deep red; season before Cuthbert; has all good qualities of a first-class berry.

Cumberland—Black, very large, very similar to Gregg in quality and firmness; in hardness and productiveness it is unexcelled. One of the best mid-season market varieties.

Golden Queen—Size equal to Cuthbert; productive; a very strong grower and hardy enough even for northern latitudes, having stood uninjured when the Cuthbert suffered. The desire for a yellow raspberry of high quality, combined with vigorous growth and perfect hardness, is believed to be fully met in this variety.

GOOSEBERRIES—Each, 20c; 12, \$2 00

Pearl—Bush moderately vigorous; immensely productive, fruit about size of Downing; of fine quality.

RED JACKET (Josselyn)—Bush vigorous, upright and productive. Fruit varies in size from medium to above medium; color, pale red.

DEWBERRY—Each, 15c; 12, \$1 50

Lucretia—A low-growing trailing blackberry. Large, soft, sweet, of very good quality, with no hard core. The plant is quite hardy and, under favorable conditions, very productive. Earlier than the upright varieties.

BLACKBERRIES—Each, 25c; 12, \$2 50

Kittatinny—Is ripe as soon as black, and much earlier, sweeter and better in all respects than the Lawton, which it resembles in plant and fruit; berries are very large and plants productive.

Eldorado—Medium to large, jet black, melting, sweet and rich, small seeds and core; very hardy and productive. A valuable variety.

CURRENTS—Each 30c; Dozen, \$2.00

White Grape—Bush vigorous, somewhat spreading, productive; clusters long; berries large to very large, averaging large; of very attractive color, mild flavor and good quality. A good table variety.

Fay (Fay's Prolific)—Bush vigorous, but not quite so strong a grower as Cherry; cluster medium to long, with rather long stems; color, darker red than cherry; berry averages large; juicy and less acid than Cherry.

Victoria—The best late variety. Bunches long, berries of medium size, pale red and of superior quality.

GRAPES—Each, 35c; Dozen, \$3.50

Brighton (Red)—Bunch medium to large, long, compact, shouldered; berries medium, skin thin, flesh tender, sweet with scarcely any pulp; quality best. Vine is vigorous grower, healthy, hardy and productive; one of the best early red grapes.

Concord (Black Early)—Decidedly the most popular grape in America, and deservedly so. Bush large, shouldered, compact; berries large; flesh juicy, sweet.

Niagara—The vine is hardy and a remarkably strong grower; very large bunches, uniform and very compact; larger than Concord, and skin thin but tough; quality melting and sweet. Ripens with the Concord.



WE DO NOT
PAY FREIGHT
ON SEED GRAINS

Wheat, Peas, Barley, Corn, Oats, Clover, Timothy, Millet, Hungarian, etc., subject to market fluctuations

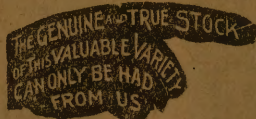
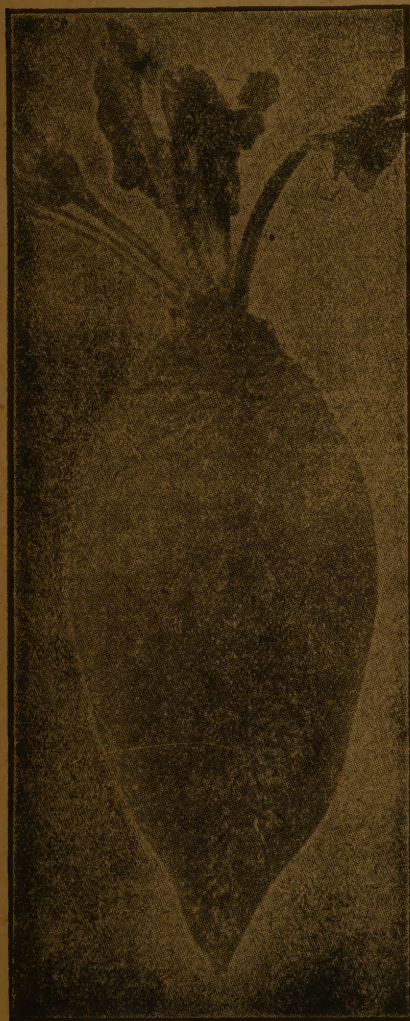
CONDITIONS OF SALE—Dominion Seeds, Limited, give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All seeds bought from them must be accepted on these conditions.

SUGAR BEETS

The production of Sugar Beets is a subject which should interest every farmer anxious to improve his condition. It is of special and almost vital importance to the Canadian farmer. It should not only open to him a new field for the production of a profitable crop, but the proper culture of the Sugar Beet greatly increases the productiveness and enhances the value of his land. It is the history of Sugar Beet in France and other countries that lands upon which the Sugar Beets have been properly grown and cultivated will yield double the amount of grain over those lands on which they have not been grown.

Every farmer should, therefore, give attention to this subject and try small areas of Sugar Beet. You will have made a good deal in ascertaining for yourself the great value of Sugar Beets as a food for stock.

We have two good varieties we offer you, but we would call your special attention to Colossal White, as standing at the head of the list of all known varieties, having fourteen varieties on our Trial Grounds the two past seasons.



Colossal White

Private Stock

Feed this variety and get more milk. Will make richer butter. Will fatten hogs quicker. Shape like intermediate Mangel. Grows nearly all out of ground. Easily harvested. Heavy cropper. Will yield 1,300 and 2,000 bushels to the acre.

Those who saw this Sugar Beet growing on our Trial Grounds this past season in a test plot with thirteen other varieties did not hesitate to pronounce it the largest and most handsome root of all.

It has a clear white skin and flesh, excepting a small portion at the top of the root, which is green. The roots are of a very uniform size, many of them weighing 20 to 25 pounds, and some going even more. The top is small and easily trimmed. A very noticeable point in this variety is that it was more easily pulled than any of the other varieties in our plot.

The shape of the root is very uniform from top to bottom, and as it grows about two-thirds of its length out of the ground, it makes it very easy to harvest.

The quality is of the best, being very rich in sugar making. It is a more profitable root than Mangels.

This variety, we can say without fear of contradiction, is the heaviest cropper of all known varieties, having produced the enormous yield of 1,500 to 2,000 bushels to the acre under ordinary cultivation. We strongly urge our farmer friends who are root growers to try this excellent variety, and we feel satisfied they will not be disappointed. Try it. Stock limited this year. Sold only in sealed packages. Oz. 10c, ¼ lb 30c, lb \$1 00; 2 lbs or more at 85c per lb, postpaid.

Royal Giant

Said by some to be Giants in Size compared to all other known varieties—Immense Yielders and for feeding qualities have no superior.

The flesh is tender, solid and of purest white; the outside color is a pale rose below ground, shading to a darker rose above, and gradually running to a beautiful green at the top. The roots are half long, wide at the shoulder, gradually tapering, and stand nearly all out of the ground; easily pulled and have a very small top. Have no fibrous or prongy roots if grown on good loamy or rich sandy land. In comparative trials with Lane's Improved Sugar, the new Royal Giant has yielded 60 tons to the acre, where Lane's Improved has produced only 30 tons. This of itself is a sufficient recommendation to induce every grower of mangels and sugar beets to give it a trial. Royal Giant is of French origin and a grand article. Oz 10c, ¼ lb 30c; lb \$1 00, 2 lbs or more 85c per lb, postpaid.

BEST MANGELS

Canadian Giant Long Red

THE GENUINE AND TRUE STOCK
OF THIS VALUABLE VARIETY
CAN ONLY BE HAD
FROM US

LONG RED—Private Stock—Without doubt the greatest creation in Mangels ever placed before the public. The largest, heaviest and most profitable Mangel offered. **GIGANTIC APPEARANCE — UNIFORM SHAPE — ENORMOUS WEIGHT PER ACRE**

Mr Farmer, do you want to grow the biggest crop of Mangels you ever did in your life? Then sow Canadian Giant Mangel Seed

This is enormously wonderfully productive. Its yield is exceedingly fabulous; 1,500 to 1,800 bushels per acre is nothing uncommon on good soil, and many experimental stations and trial tests the past year have produced at the rate of 2,000 to 2,500 bushels per acre. We took many hundreds of specimens from our customers' fields weighing over 60 pounds each; and many reaching the sensational weight of 75 pounds or over. Could anything be more marvellous than this truly wonderful mangel? In length, Canadian Giant is about the same as Mammoth Long Red Mangel, but it is particularly remarkable for its handsome shape and broad shoulders, its diameter being greater and its weight very much heavier. The flesh is red, of very fine texture and quality, containing less water and more sugar than any other roots, except it be the Colossal Sugar Beet, making it more nutritious and milk-producing. Sheep and other stock thrive better when fed on it, picking out pieces of it in preference to other kinds.

Prominent Mangel authorities consider Canadian Giant by far the most valuable and profitable of all stock-feeding Mangels. Please remember that we own and control the entire stock of this grand variety. It is such a shy seeder that the seed cannot be grown as cheaply as other mangels, yet, being desirous of placing this grand mangel at prices within reach of all, we offer it at the following exceptionally low values. Oz 7c, $\frac{1}{4}$ lb 25c, lb 85c, 2 lbs or more at 80c per lb, postpaid.

Giant Long Yellow

Similar to Mammoth Long Red, except in color. Attains the enormous weight of 50 to 60 pounds. Very nutritious. A grand milk producer.

Our attention was first called to this prodigious variety three years ago, when we saw hundreds of specimens taken from the field, weighing from 50 to 60 pounds each, while whole crops averaged 38 to 40 pounds per root. The length is but little shorter than Mammoth Long Red, but it is remarkable for its handsome, thick, uniform shape and very broad shoulder, its diameter being greater and its weight very much heavier. The flesh is of a very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. The tops are smaller, and it is such a shy seeder that the seed cannot be grown as cheaply as other mangels. Oz. 7c; $\frac{1}{4}$ lb. 25c; lb. 85c; 2 lbs. or more at 80c lb, postpaid

Golden King Globe

(Private Stock)—This splendid Mangel, which has been raised and carefully selected by us, possesses all the fine breeding qualities of our Giant Long Yellow, and it is also similar to that well-known variety in color—a rich golden yellow. The bulbs are globular in shape, large, very handsome appearance. Hardy in constitution, and even under ordinary cultivation produces a great weight of roots per acre. It is also a remarkably clean grower and pulls well. Strongly recommended as a heavy cropper of most nutritious quality. Oz. 7c; $\frac{1}{4}$ lb. 25c; lb. 85c 2 lbs or more at 80c per lb, postpaid

Champion Red Globe

We think this is one of the best varieties for stock feeding. It is very productive and an excellent keeper when stored in heaps for winter use. It has an exceedingly small size, uniformly globe-shaped, having a very small top and few side roots; color of skin deep and flesh a deep red shade and of excellent quality. The roots grow almost entirely above ground, making them admirably well adapted to shallow ground, and very easy to harvest. Oz 7c; $\frac{1}{4}$ lb. 25c; lb 85c; 2 lbs or more at 80c lb, postpaid



white, crisp, solid and very sweet in flavor. It is a vast improvement on the white Belgian sorts which have been favorites in the past, as it is not only much more productive, but vastly easier to handle. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature, also is that they do not easily break in pulling or storing. Too much can scarcely be said of their size and great productiveness. The roots frequently measure fifteen to twenty inches in circumference and eighteen to twenty-five tons to the acre is not an extravagant statement as to yield. Oz. 25c, $\frac{1}{4}$ lb. 60c, lb. \$2.00, postpaid.

If you wish to grow carrots for stock you will make a serious mistake if you grow any other than these two kinds. It seems no exaggeration to say that we could fill a book as large as this catalogue with the written and spoken praises that our customers have lavished upon these carrots. We have yet to learn of a single instance in which they have failed to give the fullest satisfaction. Wherever they are shown at fairs, exhibitions, etc., they invariably catch the prize.

Giant Yellow Intermediate

This is the largest and unquestionably the heaviest cropping and most nutritious yellow variety in cultivation. It is the largest and best formed orange or yellow carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing big feeding properties. It is a heavy cropper on all soils, but especially adapted to strong or rich land. It grows fully half as much weight again per acre as the ordinary varieties, and as the roots grow above the ground, it is much easier to gather the crop. This grand variety is sure to suit everyone who grows it. Oz. 20c, $\frac{1}{4}$ lb. 75c, lb. \$2.50, postpaid.

We are frequently asked, "which is the better of these two carrots?" While there are many who prefer **IMPROVED HALF-LONG WHITE**, we are free to say that **GIANT YELLOW INTERMEDIATE** is almost as much in favor. It is true that yellow carrots are sometimes better in feeding qualities than the white, but there is no other white stock carrot that can compare with **IMPROVED HALF-LONG WHITE** for all round good qualities.

THE GENUINE AND TRUE STOCK
OF THIS VALUABLE VARIETY
CAN ONLY BE HAD
FROM US

MANGEL TABER'S GATEPOST

Selected Giant Yellow Intermediate, the Dairy Farmers' Mangel, will grow 30 to 50 pounds in weight, 2,000 to 2,500 bushels to the acre. The easiest harvested and best feeding Mangel.

This variety, originated by Mr. Taber, the prominent English seed grower, has since being introduced in England a few years ago rapidly popularized itself and is pronounced by leading English farmers the most useful Mangel that can be grown. Its handsome clean roots are very heavy, often weighing 40 pounds or over, and producing 2,000 to 2,500 bushels to the acre. The best yellow Mangel known.

We strongly recommend this variety for sharp gravels, shallow and light soils, or others not adapted to the growth of the Long Red Mangel, as it penetrates to but a moderate depth. Special attention is called to our new selection of this Mangel which is by far the best of the intermediate varieties; its girth shoulder and base being about equal, it is between oval and cylindrical in form capable of being grown closely in rows, thus producing an exceedingly heavy crop of splendid bulbs. Remarkable for feeding properties and hardness. Oz. 7c, $\frac{1}{4}$ lb. 25c, lb. 85c, 2 lbs. or more at 80c lb., postpaid.

THE BEST STOCK CARROTS

THE GENUINE AND TRUE STOCK
OF THIS VALUABLE VARIETY
CAN ONLY BE HAD
FROM US

Improved Long White

SHORT AND EASILY HARVESTED
AN IMMENSE CROPPER,
A GRAND KEEPER.

We want to urge one thing on every farmer who received this book. It is this, try our **WHITE CARROT**. There may be room for a difference of opinion regarding many varieties of seeds, but there cannot be room for difference of opinion as to which is the best crop carrot.

HALF-LONG WHITE CARROT is the heaviest cropping carrot grown, yielding more tons to the acre than any other sort. The flesh is



MANY VARIETIES OF SEEDS ARE UNUSUALLY SHORT THIS YEAR. WE ADVISE EARLY ORDERS.

SWEDE TURNIP

THE GENUINE AND TRUE STOCK
OF THIS VALUABLE VARIETY
CAN ONLY BE HAD
FROM US.

I. X. L.

CANADIAN GEM

The great popularity of this Swede has, we regret to say, induced some seedmen to put up and offer a variety as Canadian Gem, but all who purchased it the past season were sadly disappointed. Ask for I. X. L. Canadian Gem, and take no other.

Short neck, small top, firm flesh, symmetrical shape, united with high feeding value, great productiveness, hardness and long-keeping qualities, describes the perfect Swede. Every root of I. X. L. Canadian Gem more nearly approaches this ideal than any other known strain of Swede Turnip.

After selling this variety for the past ten years, it is not necessary for us to dwell very long on its qualities.

It is now so well known it needs no lengthy introduction. Its short neck, compact, small top and perfect shape shows to the critical Swede grower that it is all turnip. With the above excellent points it has the other fine qualities, such as fine flesh, hardness to resist extremes of weather and long-keeping, is sufficient to recommend it. Oz. 25c, $\frac{1}{4}$ lb. 75c, $\frac{1}{2}$ lb. \$1.35, lb. \$2.50. postpaid.

Owing to the almost total failure of the seed crop of I. X. L. Canadian Gem, our stock is limited.

This Swede has carried off the highest honors at all the large exhibitions, also township shows, and is used exclusively in the large turnip-growing sections, from which they are shipped by the hundreds of cars to the United States and sold as "Canada Turnips," commanding the very highest price.

IF YOU ARE OFFERED A CANADIAN GEM SWEDE AT LESS THAN THE PRICE WE ASK, IT IS NOT THE GENUINE I. X. L. CANADIAN GEM.

"JUMBO" BRONZE TOP SWEDE

Also Called Elephant and Monarch

Of tankard or half-long shape.

Can be grown closer in the row than most varieties. Hardy constitution, resisting severe weather.

Rich, yellow flesh, beautiful bronze top
Good keeper and extra heavy cropper.

The root of this variety is tankard shaped, with a beautiful bronze top, the yellow flesh of rich quality, much relished by stock.

The root, being long shaped, will stand somewhat closer in the row than most Swedes.

It is of exceeding hardy constitution, standing well during severe weather, and will keep sound and good until spring.

It is one of the best varieties we know of for cold soils, and is an extra heavy cropper. Oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, postpaid.

Yellow and White Fleshed Turnips

I. X. L. Purple Top Mammoth White

THE HEAVIEST YIELDER

THE BEST FOR GREEN MANURE

THE BEST FOR EARLY FEEDING

THE BEST MAIN CROP VARIETY

THE BEST FOR SOWING IN CORN

THE BEST KEEPING WHITE TURNIP

Undoubtedly the finest stock of White Turnip in existence, perfect in form, with clear, smooth skin. The best white Turnip for general crop, quick in growth, and the high crown will not allow water to lodge.

The handsome shape and nutritive qualities of our Purple-top Mammoth have made it popular both for feeding purposes and as a competitive crop. Oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$1.75, postpaid.

The following varieties at the uniform price of:—Oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$1.75' postpaid.

White Globe—Large, fine quality, useful for late sowing.

Devonshire Greystone—Very popular sort, growing to a large size, early, excellent quality.

Purple-top Yellow Aberdeen—An excellent variety for winter feeding.





SEED CORN

GOLD NUGGET

| Subject to Market Fluctuations

THE LARGEST YELLOW FLINT CORN GROWN—EARS 12 TO 14 INCHES LONG—KERNEL EXTRA LARGE—COLOR DEEP GOLDEN—COB SMALL AND EASILY HUSKED—STALKS 7 TO 8 FEET—LARGE BROAD LEAVES—EXCELLENT FOR SILO—YIELDS 150 TO 200 BUSHELS PER ACRE.

"Way down in the Cornfield."—220 Tons Ensilage on 10 acres—Yield of Ear Corn, Same Field, 175 Bushels per acre. This was the yield in 1916.

We introduce this corn as the largest-eared and most productive of all the early Flint varieties. Our customers know that when we send out a new variety that it is just what we claim for it, and our sales were very gratifying. From every side comes hearty praise for this magnificent variety, more than sustaining every claim made for it.

The ears are immense, 12 to 14 inches long, with eight rows of kernels. The kernels are of a deep golden yellow and very hard. The butts of the ears are small and they break off easily when husked.

The Yield—Our grower wrote us after harvesting: "The Gold Nugget Corn yielded nearly 200 bushels per acre." This was after harvest, 1916.

Earliness—It will ripen in 95 to 100 days, thereby escaping even an early frost.

The Stalks grow quite tall and carry the ears well above the ground, so that they do not interfere with the binder when such a machine is used for cutting. The stalks usually have two ears and are covered with large leaves, so that they make good fodder.

For Ensilage—This corn will prove of great value for ensilage, as it will produce an enormous yield of stalks and ears, and the grain will mature early so that it may be cut when in just the right stage to produce the greatest amount of food without running the risk of having the crop injured by frost.

A Profitable Investment—Everyone who raises some of this new corn this year will find it a most profitable crop. It is so far ahead of any other corn that it will be in great demand for seed when it is seen. The man who raises it this year will be able to dispose of a large part of his crop to his neighbors for seed at good prices. We think any corn grower will be glad to get seed of this variety next year, after he has seen it growing, at \$5.00 per bushel of ears. This would be a low price for it. It would be a very simple matter to raise 100 bushels of good, sound ears per acre, and much larger crops could be raised on first-class land. Lb. 35c, postpaid; by freight or express, peck \$2.50, ½ bushel \$4.50, bushel \$8.00; Cotton bags 40c each.

SILVER TRIUMPH

This is the finest thoroughbred White Flint Corn that we have ever handled, and it is, without doubt, the best extra early corn that can be grown, as it is the most productive of all tall growing varieties. It is white in color, maturing in from 75 to 85 days. Ears average about 13 inches in length. The ears average two to a stalk, growing well up so as to readily admit being cut with a harvester. The stalks make superior fodder, and it is excellent ensilage or fodder corn.

Early corn is a great advantage as you can plant a field early and commence to use the corn for hog and cattle feed before common corn is ready for use. Or, in case every other kind fails to make a stand for various reasons, or a late flood leaves your field bare in June, too late for common corn, plant this variety. One of our customers planted Silver Triumph July 5, and it matured and became hard enough for seed. Lb. 25c, postpaid; by freight or express, peck \$2.50, ½ bushel \$4.00, bushel \$7.50. Bags 40c each. Canadian grown.



SILVER KING (WIS. No. 7)

Photograph of an Ear of Wisconsin No. 7 White Dent Corn.

WISCONSIN No. 7---Silver King

THE CORN THAT HAS MADE ESSEX COUNTY, CANADA, FAMOUS

Silver King stands at the head of the list to-day of all-round good varieties of Dent Corn. It has become immensely popular and has really revolutionized corn growing in Essex County. This is a great triumph for Silver King.

History—The corn originated in Northern Iowa. Prof. Moore brought it to Wisconsin a few years ago and has developed and improved it. Ours was the first seed house to offer it, cataloging it for the first time in 1912. One farmer reports a yield of 115 bushels per acre.

Description—In appearance the corn is a beauty. Ears just the right length, averaging 8 to 10 inches, always filled out clear to the

tips, and very uniform in size and type. The corn is pure snow-white in color, with good length kernels set compactly in straight rows. The corn is a strong grower, early enough to mature, and is especially adapted to resist cold weather. It has a decided double-ear characteristic, one reason for its fine yield records.

Value—We feel that we can hardly rate the value of this corn too high. It gets ripe and it produces the yield. Prof. Moore says: "Push it hard. It will stand it." Hundreds of young men, the leading farmers of Essex and Kent Counties, are ready to swear by Silver King.

Lb. 25c, postpaid; peck \$1.85, ½ bushel \$3.00, bushel \$5.50. Cotton bags, 40c each.

THERE IS NO YELLOW FLINT CORN EQUAL TO OUR GOLD NUGGET.

EARLIEST RIPE FODDER CORN

THE MOST PERFECT
EARLIEST RICH FODDER
CORN IN EXISTENCE

This corn will ripen ears inside 60 days after planting, usually from two to three ears on the stalk. The foliage is probably six feet high, very leafy and bushy and contains a tremendous amount of nutritious matter. Of course, this is not so prolific as our Imp. Leaming Fodder Corn, but it has the advantage over any and every other fodder corn in the world to-day by its being thirty days earlier. The farmer can easily figure out the great profit in having a fodder corn extremely early, having it come at a time when pasturage is short, and he can feed this rich, luxuriant, Earliest, Ripe Fodder Corn. You have it in excellent condition to feed the latter part of July or first of August. Fodder at this time is always in demand. If you are raising hogs or cattle, this corn, above all other corn, will return to you a tremendous profit on account of its extreme earliness, large and many ears, and healthy nutritious qualities.

Another thing: If this corn is desired for winter fodder, it can be planted early; it can be cut months ahead of frost, and can be stored away in first-class shape, and will keep all winter. This can be done before your busy fall work crowds you. We believe Earliest Ripe Fodder Corn worthy of a thorough, extensive and impartial trial on every farm, and we stake our reputation that there is nothing that will pay the possessor of hogs and cattle more handsomely than to plant generously of it.

The Most Magnificent Testimonials Imaginable—We could fill several pages with magnificent testimonials from customers to whom we sent a small quantity of this corn for trial, asking them to give it an impartial test, and each and every letter received brings forth the most intense indorsements of the corn, claiming that in earliness, in yield and quantity and nutritious matter it is far ahead of anything and everything that they have ever tried, and that it had been the means of making money for them, as it ripened so very early. Sow in drills 30 inches apart, using half bushel to acre. Peck \$2.00, $\frac{1}{2}$ bush. \$2.50, bushel, \$6.00. Bags, 40c each.

FODDER VARIETIES

GENUINE MAMMOTH SOUTHERN SWEET—Our celebrated M. S. S. (Mammoth Souther Sweet) has given better and more generous satisfaction than any other variety of fodder and ensilage corn. The growing properties of this corn, are better than any other variety we ever handled. There is really no danger of failure of this corn by it not growing. It can be sown or planted, and will germinate when the Flint varieties will rot in the ground for want of heat. The stalks are very full of sugar (syrup having been made from them), and if planted in hills or drills, 3 to 3 $\frac{1}{2}$ feet in rows, will develop ears fit for roasting. Peck \$1.50, Bush. \$5.00. Cotton Bags 40c each.

OTHER DENT VARIETIES

CLARK'S EARLY MASTADON—The Mastadon Corn has the longest grains and longest ears of any corn in cultivation. It is the strongest grower and largest field corn in cultivation. It husks easy for so long a corn and shells easy. For ensilage will please all, because it grows quick and strong and powerful, and we think it is well adapted for ensilage in Ontario. Peck \$1.50, Bushel \$5.50. Cotton Bags 40c each.

IOWA SILVER MINE—Ears with 16 to 20 straight rows of deep, pure white kernels set on a small white cob, and the ears well filled out over the tip. Peck \$1.50, Bushel \$5.50. Cotton Bags 40c each.

IMPROVED LEAMING—It ripens in 100 to 110 days, and 100 bushels of shelled corn have been grown to the acre on good corn ground. For several years past our sales of this variety have been enormous much of it being used for fodder and ensilage, for which purpose it has become very popular. Peck \$1.50, Bushel \$5.50. Cotton Bags 40c each.

MAMMOTH YELLOW CUBAN—For the central part of Ontario this is one of the best, according to the Guelph College Report. Peck \$1.50, Bushel \$5.50. Cotton Bags 40c each.

EARLY BUTLER YELLOW DENT—The ears grow to a good size, 70 lbs. of ears have shelled out 64 $\frac{1}{2}$ pounds of shelled corn, leaving only 5 $\frac{1}{2}$ pounds for the cobs. We have never heard a complaint of this corn. Peck \$1.50, Bushel \$5.50. Cotton Bags 40c each.

CUBAN WHITE GIANT ENSILAGE—A perfect fodder or ensilage corn. Grains very large, broad, long and of strong vitality. Best milk producer. Peck \$1.50, Bushel \$5.50. Cotton Bags 40c each.

WHITECAP YELLOW DENT—Its great merit lies in its strong, rank growth, with a good many suckers, it will grow more bushels on poor, thin land than any other kind. Stands the drought better than 60 others. Peck \$1.85, Bushel \$6.00. Cotton Bags 40c each.



Something Grand!

Earliest
in the
World

**EARLIEST
RIPE
FODDER CORN.**

CLOUD'S EARLY YELLOW DENT—Earliest of the heavy varieties; produces a large amount of early green fodder per acre. Grows a good height. Peck \$1.50, Bushel \$5.50, Cotton Bags 40c each.

EXTRA EARLY HURON DENT—70 pounds of ears made 64 $\frac{1}{2}$ pounds of shelled corn, leaving only 5 $\frac{1}{2}$ pounds of cobs. From this all can judge the unusually small size of cobs. Peck \$1.50, Bushel \$5.50, Cotton Bags 40c each.

OTHER FLINT VARIETIES

Bags for any of the varieties, cotton, 40c each.

MAMMOTH EIGHT-ROWED EARLY YELLOW—Among the very desirable qualities of this wonderful corn can be mentioned its enormous size, the ears being the longest of any variety, either Flint or Dent, with the exception of our Gold Nugget. Each stalk bears from two to four ears under good cultivation. A corn for northern farmers, for it ripens early. Peck \$2.50, Bushel \$7.00. Cotton Bags 40c each.

SALZER'S NORTH DAKOTA (White)—A magnificent variety of Early White Flint Corn with large ears, often 14 inches in length, solid kernels, with 8 to 12 rows to the cob. Peck \$2.50, Bushel \$7.00. Cotton Bags 40c each.

PEARCE'S PROLIFIC—Very early, eight-rowed, good, deep kernel, and very prolific. A popular ensilage and fodder corn. Has given universal satisfaction in Quebec, Nova Scotia, New Brunswick, Prince Edward Island and Northern Ontario. Peck \$2.50, Bushel \$7.00. Cotton Bags 40c each.

SANFORD WHITE—The best of all white Flint varieties. It is very early, has abundance of leaves, and is suitable alike for green fodder or ensilage purposes. We recommend it. Peck \$2.50, Bushel \$7.00. Cotton Bags 40c each.

LONGFELLOW—An eight-rowed Early Yellow Flint variety, with ears 10 to 15 inches long, cob small kernels quite broad, good ensilage and fodder corn, sappy green stalk, very leafy, with fine long ears. Peck \$2.50, Bushel \$7.00. Cotton Bags 40c each.

ONE HUNDRED DAY OR ANGEL OF MIDNIGHT—This is, without exception, the earliest yellow Flint corn in cultivation; ears long, perfect in shape, well filled from butt to tip. Peck \$2.50, Bushel \$7.00. Cotton Bags 40c each.

COMPTON'S EARLY—Especially valuable for the quantity and quality of ears produced, and makes a rich, palatable food when cured as ensilage. Its extreme earliness adapts it to eastern and northern Ontario, where it is a favorite sort. Yields an average of 3.32 tons of ears per acre. Peck \$2.50, Bushel \$7.00. Cotton Bags 40c each.

Black Beauty Oats

THE EARLIEST BLACK OAT—EXTREMELY THIN HULL—VERY LARGE PLUMP KERNEL—STRAW EXCEEDINGLY STRONG—UNUSUALLY HARDY—WONDERFUL STOOING QUALITIES—THE HEAVIEST YIELDING BLACK OAT EVER INTRODUCED.—NOTHING SHORT OF A CXCLONE WILL LODGE THEM—SIX PECKS (1½ BUSHEL) IS AMPLE TO SOW AN ACRE.

These oats mark such a distinct advance over all other varieties, especially in point of productiveness and strength of straw, as to set them apart and above all other oats. They are in a class of their own, and in the particulars above mentioned are not approached by any other oat.

Canada has found how good black oats are, and is now growing them very largely. In most European countries they have decidedly the preference, and in England it is safe to say that three bushels of black oats are grown to one of white.

They are preferred by those who have had experience with them, principally on account of their heavy yielding qualities; but besides being far superior to white oats in point of feeding qualities, they possess another very valuable characteristic in the unequalled stiffness and strength of straw. Nothing less than a tornado or cyclone will lodge them.

We will here enumerate the following points in favor of these oats. This Black Beauty originated in crossing two of the healthiest, biggest yielding, strongest varieties; hence its quality to produce such tremendous yields.

Nothing like it in a black oat for earliness. Our crop was ripe and cut and stacked eight days before other sorts were ripe.

Here is an oat that will make profitable farming absolutely certain in any province in our fair Dominion. It will certainly yield from 20 to 40 bushels more per acre than any of the common varieties, which will ten times pay the cost of the seed.

Yield is simply enormous; 80 to 100 bushels or more can be grown per acre under careful cultivation.

No sort that we have ever tested so thoroughly and completely withstands dry weather as our Black Beauty; indeed, it seems to be proof against every element in the shape of weather, withstanding severe winds to a marked degree, and coming forth after storm standing straight, erect—a pleasurable sight to behold. When other sorts lodge badly, this stands up like a stone wall.

It is the last 20 bushels per acre that makes farming profitable. If the common sorts yield 30 bushels per acre and this gave you 50 bushels, the last 20 bushels would be the profit; but if this gave you 80 to 100 bushels, it is very easy to figure out the extra profit.

Lb. 35c, 3 lbs. \$1.00, postpaid. By freight or express at purchaser's expense, ½ peck 50c, peck 75c, ½ bushel \$1.25, bushel \$2.25, 5 bushels at \$2.15 per bushel. Cotton bags 40c each.

White Oat O. A. C. No. 72

BERRY LONG AND PLUMP—THIN HULL LONG STIFF STRAW—SPREADING HEAD—HEAVY YIELDER—FREE FROM RUST—JUST THE OAT THE MILLER WANTS

Another good thing from the Ontario Agricultural College. No oat distributed by the O. A. C. to experimenters for some years has given the results and met with such favor as this variety has.



The Length of Head Tells the Story

In length of straw, freedom from rust, heavy yield, feeding quality, adaptability to all kinds of soils and conditions, it is superior to other well known varieties, such as American Banner, Siberian, Sensation, Abundance, Lincoln, etc.

With an average yield of 80 bushels an acre—as this oat has for five successive years—no up-to-date farmer should miss the opportunity of investing in at least a few bushels.

Our stock was grown for us by one of the best farmers in Middlesex County.

Professor Zavitz, of the O. A. C., at Guelph, says: "The average yield per acre of the O. A. C. No. 72 Oats, during the length of time we have been testing it in our experimental plot has given an average at the rate of about 90 bushels per acre. It possesses a long stiff straw, which is comparatively free from rust. It has a spreading head and white grain. Not only has it given a larger yield of grain per acre, but the grain is of excellent quality, being thinner in the hull than that of the Banner and Abundance and most other varieties which are commonly grown in Ontario. The O. A. C. No. 72 has made the highest record of the varieties of oats used in the co-operative experiments throughout Ontario; a little later in reaching maturity than the Banner. It has made the best all-round record of the varieties of oats which we have had under our experiment in recent years."

Registered stock in sealed bags. Price \$6.00 per bag, containing two bushels;

Selected Stock—Lb. 25c, 3 lbs. 65c, postpaid; bushel \$2.00, 5 bushels or more at \$1.90 a bushel. Cotton bags 40c each. By freight or express at purchaser's expense.



THE BLACK BEAUTY OAT IS THE EARLIEST, HEAVIEST YIELDING, BEST FEEDING OAT GROWN. TRY THEM.



WHITE OAT O. A. C. No. 3

THINNEST HULL OF ANY OAT GROWN. THE EARLIEST VARIETY. THE BEST TO MIX WITH BARLEY.

BETTER IN QUALITY THAN 300 VARIETIES AT THE O. A. COLLEGE. IN 8 YEAR'S TEST HAS BEATEN THE DAUBENEY IN YIELD

The O. A. C. No. 3 originated from a single plant selected from a plot of Daubeney.

It is exceptionally early and is suitable not only for growing as a crop but one of the best for sowing with barley for a mixed crop.

It ripens a few days earlier than Daubeney with straw about the same length but the grain is much thinner hulled and a heavier yielder to the acre. The quality of oats is too frequently overlooked which should be a point of very great importance.

The O. A. C. No. 3 in a 7-year test averaged over 8 bushels per acre more than the well-known Daubeney variety.

With quality, earliness and yield combined this should make an ideal variety for the farmers of Canada.

Lb. 35c, 3 lbs. for \$1.00, postpaid. By freight or express at purchaser's expense, bushel \$2.00. Bags at 40c each.

Stock exceedingly limited.

White Swedish Giant

This oat originated in Sweden. From there it was imported into Russia, and the original seed was brought from Russia to this country by Professor Carleton, of the Department of Agriculture. The next year we secured these oats with several other varieties for trial. We have found them most satisfactory. On our experimental plots the oats yielded exceptionally well, having a stiff straw, light hull and weighing 38 to 40 lbs. per measured bushel. Bushel \$1.75; 5 bushels or over at \$1.65 per bushel. Bags 40c each.

Early White Jewel

Our sales the past season were beyond our expectations, making it almost impossible for us to supply the demand. It has a beautiful, white, plump, thin-hulled kernel, stiff straw, long head, immense stooling qualities, remarkable qualities to resist severe droughts, and for either milling or feeding is first-class. Bushel \$1.75, 5 bushels or over \$1.65 per bushel. Bags 40c each.

White Marvel

The straw is very strong and does not lodge even when others with less weight of grain in the head go down. The blade is nearly double the size of that of ordinary oats, which is the best evidence of its inherent vigor. This oat is remarkable for its heavy stooling property, and for this reason six pecks (1½ bushels) is sufficient to seed an acre. Price, bushel \$1.75, 5 bushels and over at \$1.65 per bushel. Cotton bags 40c each.

Early Surprise

The white Surprise Oats are noted for vigorous growth and droughts do not affect them as much as less vigorous varieties. The grain is white, plump, with thin hull, running much over weight with ordinary thresher cleaning. On account of large per cent. of meat in the kernel they are well suited for oat meal and other oat products. Bushel \$1.75, 5 bushels or over \$1.65 per bushel. Bags 40c each.

IRISH VICTOR

Sometimes called "Irish White"—Originated in Ireland, being first brought over to this country in 1897. It is a very large oat, plump and heavy, pure white color, not affected by rust or smut, and an immense yielder. It also has a wonderful stiff straw. So far we have never known it to lodge. Bushel \$1.75, 5 bushels or over \$1.65 per bushel. Bags 40c each.

American Banner

This variety needs no lengthy description as it is so well known.

There is no variety of White Oats which has given such universal satisfaction and seems to have suited nearly all soils and conditions.

We have a very fine stock of these, and as long as they last we can supply them at the following prices. Bushel \$1.75, 5 to 10 bushels at \$1.65 bushel. Cotton bags 40c each. If larger quantities wanted please write for price.

Early Daubeney

This is one of the earliest White Oats grown, and for heavy, cold land there is none better.

It is so very early it is one of the best for mixing with barley.

Our stock is as pure as it is possible to get but the supply has never been equal to the demand.

We are pleased to say we have a very fine sample—the quantity is limited. Order early.

Bushel \$2.00, 5 to 10 bushels at \$1.90 per bushel. Bags 40c each. Price for larger quantities on application. Write us.

MARQUIS WHEAT

THE KING OF ALL SPRING WHEATS

The Wheat that won the \$1,000 Prize at the New York Agricultural Exhibition for the best wheat grown on the continent of North America and South America. It combines all the qualities so earnestly sought after by the cerealist and devotedly hoped for by the grain growers of the Northwest.

It is a week to ten days earlier; produces five to ten bushels more per acre; has a higher milling and baking quality than any other hard spring wheat known to-day.

Origin—Marquis Wheat was originated by Doctors Charles and William Saunders, of the Central Experiment Station, Ottawa, by crossing the Red Fife and the Hard Calcutta, a native wheat of India which had become acclimatized to northern conditions. The first experiments were conducted in 1886, and it was not until 1903 that it was fully developed. By scientific cross breeding, a variety was produced that inherited the remarkable earliness of the Calcutta, and the frost resisting and yielding qualities of the Red Fife. The original stock of seed was very small, but by careful husbandry the amount was gradually increased so that it might be disseminated throughout America.

A Prize Winner—Marquis Wheat won the One Thousand Dollar Prize offered by Sir Thomas Shaughnessy for the best wheat in America at the New York Grain Exposition in 1911. It also won the Three Thousand Dollar Prize at the International Dry Farming Congress at Lethbridge, Alberta, in October, 1912, in a competition open to the whole world. Marquis Wheat was again successful in winning the Sweepstake Prize at the Dry Farming Congress held at Tulsa, Oklahoma, in 1913.

Earliness—Marquis Wheat is from one week to ten days earlier than Red Fife, and this fact alone should induce many of our customers to grow it this spring.

Productiveness—Marquis Wheat has outyielded all other spring wheats grown under the same conditions of soil, cultivation and climate. The increased yield varies from 5 to 10 bushels per acre. Mr. Charles Vandenhoeck secured a crop of 52 bushels to the acre. A five-year average yield at the Brandon Experiment Station was 44 bushels per acre.

Quality—Marquis Wheat has, by numerous milling tests, shown a higher percentage of gluten, a better color, a greater absorption and heavy weight per bushel of grain. This question of quality is of greater importance to the wheat grower when he comes to dispose of his crop at the mill or elevator. Almost without exception Marquis Wheat will grade No. 1 Hard.

Appearance—Marquis' Wheat is similar in appearance to Red Fife, but the heads, as a rule, are heavier and the straw shorter, making it less likely to lodge. The kernel is flinty, a little darker in color than Red Fife, being dark red, and more plump than that variety. It is beardless, having smooth, yellow chaff. It weighs from 64 to 66 pounds to the measured bushel.

Lb. 35c, 3 lbs. \$1.00, postpaid. By express at purchaser's expense, peck \$1.00, $\frac{1}{2}$ bushel \$2.25. bushel \$4.25. Cotton bags 40c each.

WILD GOOSE—For years the farmers of Western Ontario have steadily set their faces against the growth of this wheat for the reason that no permanent market has been assured for it. The attractive appearance of the seed has induced a great many to buy it, and later they were unable to find a market for the product. Now, however, we have it on authority of the Minister of Agriculture that there is a difficulty in supplying the demand for this wheat to macaroni factories. For Hog Feed there is nothing to equal it being a good substitute for Peas. Bushel \$3.50. Cotton bags 40c each.

TARES or VETCHES

FOR SPRING SEWING

VETCHES are grown for a forage crop. They can be cheaply raised, fed green, cured or ensilaged. In Scotland and England they are grown largely for this purpose, and where land is not adapted to hay or is expensive, or pasture is poor and costly, it will pay you to grow Vetches as a forage crop. They are sown at the rate of half a bushel to the acre, with about one quart of oats to hold them up, for being of the same habit as the pea, they have a tendency to run. Bushel \$4.00. Cotton bags 40c each.

SAND OR HAIRY VETCH

(*Vicia Villosa*.)—Sometimes called Hairy Vetch. This is a valuable forage plant and is rapidly becoming more popular each year, as the farmers of this country are learning more of its great value. It is very hardy, is valuable as a winter cover crop to prevent leaching, and for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor, light land, and will endure extremes of drought, heat and cold. It improves the soil, being a great nitrogen gatherer. The roots bear innumerable nodules or nitrogen-gathering bacteria. These take the nitrogen from the air and restore it to the soil where it is so much needed. It belongs to the pea family, but the vines are much longer and the foliage more abundant. The vines in the illustration were from the second crop and measure five feet and seven inches in length. It may be sown either in the spring or fall with about a peck of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive. It remains green all winter under the snow, and it is invaluable for early pasturing or soiling. The Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to commercial fertilizer at the rate of from \$16 to \$40 an acre. When sown in August or September it covers the ground before frost and prevents leaching of the soil during the winter and spring. When sown in April or May, it can be cut in July, the second growth affording excellent pasture during the summer. The yield of green fodder is from 12 to 20 tons to the acre. This may seem to be an exaggerated statement, but when the amazing stooling propensities of this plant are taken into consideration, the yield is readily accounted for. As many as 20 long vines spring from each root. When raised for hay it should be left standing until some seeds have become well formed. Plant at least an acre this season. 25 to 30 lbs. of seed required to the acre. Lb. 45c, postpaid; 3 lbs. \$1.00. By express or freight, 10 lbs. 30c lb.; 100 lbs. for \$25.00. Cotton bags 40c each.



Sand or Hairy Vetch—Vines 5 feet 7 inches



Heads of Marquis Wheat

BARLEY

O. A. C. No. 21

VERY THIN HULL
EXTRA PLUMP GRAIN
FREE FROM RUST
LENGTH AND STRENGTH OF
STRAW REMARKABLE
GRAIN DISTINCT FROM THE
MANDSCHEURI



Has made the best record of 83 selected varieties at the Ontario Agricultural College.

The following is the Press Bulletin report from the Ontario Agricultural College of this variety of Barley:

In the spring of 1903, 9,972 selected grains were planted by hand at equal distances apart in the Experimental Department at the College. When the plants were ripe they were carefully examined, and thirty-three of the most promising ones were selected, harvested and threshed separately. In 1904, thirty-three separate lots of Barley were grown from the plants selected in the year previous. From that time forward, only the best strains were grown in the test as follows:

Fourteen in 1905, eight in 1906, seven in 1907, and three in 1908. In one instance over forty bushels of barley were grown in 1905 as the product of one seed planted in the spring of 1903. Of all the selected strains the one which is known as "O. A. C. Number 21" has made the best record. In each of the last two years it has actually given better results than the Mandscheuri variety in yield of grain, in freedom from rust, and in both length and strength of straw in the experiments at the College, and also in the co-operative tests throughout Ontario. The grain is quite easily distinguished from that of the Mandscheuri Barley. Price lb. 25c, 5 lbs. \$1.00, postpaid; peck 75c, $\frac{1}{2}$ bushel \$1.50, bushel \$2.50. Bags 40c each.

WHITE HULLESS BARLEY



For Illustration of Heads and Grain, see this page.

ITS VALUABLE PROPERTIES:

It is **HULLESS**. It is **BEARDLESS**. It is **EARLY**.
It **WEIGHS OVER 60 LBS.** to the **MEASURED BUSHEL**.
It **YIELDS WELL** on **POOR LAND**.
It **YIELDS ENORMOUSLY** on **GOOD LAND**.
It makes **BETTER PORK** than **CORN**.
The **Straw** makes **GOOD HAY**.
It is **OF INESTIMABLE VALUE** TO **EVERYONE WHO FEEDS STOCK**.

Has been grown 60 bushels to the acre, and it is the best grain to sow for hay there is. Sow early and you can cut two crops from same sowing. As fattening feed for hogs it has no equal. It makes sweeter meat and nicer lard by far than corn. Twenty hogs fattened with it make a gain of 106 lbs. to the hog in five weeks. The best way is to grind it and feed it dry, with clear cold water in another trough for them to drink out of. It grows very quickly on all kinds of soil. You can sow it after other grain is sown and harvest it then before wheat and oats are ready. Sown as late as the 18th of June made a good grain crop. Stock will eat the straw in preference to "slough" hay. The straw is small, with very heavy leaves, stools wonderfully. Once used for hay for work horses, you won't have any other. For flour it discounts buckwheat. For grain sow one bushel to the acre; for hay $1\frac{1}{2}$ bushels. Lb. 25c, 5 lbs. \$1.00 postpaid. Peck 85c, bu (48 lbs.) \$3.50, 2 bush. or more at \$3.25 per bushel. Cotton bags 40c each.

SPELTZ or EMMER

THE WONDERFUL RUSSIAN GRAIN

It can hardly be recommended too highly. Every farmer in Canada ought to sow some. It makes a splendid feed, and lots of it. With our growers here it averages over one-third more bushels per acre than barley, and we are right in a barley country too. The farmers and stockmen here are all talking about raising speltz next year. Note the following points about speltz. They are all facts. We can vouch for them personally. We have grown speltz for seven years and know whereof we speak.

First—It is perfectly hardy and can be grown successfully anywhere.

Second—It yields more bushels per acre than either oats or barley.

Third—It is especially adapted to dry regions and to locations that are subject to hot, dry summers, as it withstands drought, where barley falls entirely.

Fourth—It has such a very stiff straw that it stands up when both oats and barley lodge. In fact, the straw is about as stiff as rye straw.

Fifth—It makes a well-balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Professor Wilson of the South Dakota Experimental Station, in a careful experiment with feeding calves found Speltz worth 40 per cent. more than corn, pound for pound.

Sixth—It is especially fine as a nurse crop, as it never falls down and smothers the new seeding.

Seventh—It is not affected by rust or smut. We never have seen a particle of smut in Speltz.

Eighth—No special machinery is required for sowing, harvesting or threshing different from other grain. Sow 2 to 2½ bushels per acre, and treat it in every way the same as oats or barley.

Ninth—The U. S. Department of Agriculture recommends it very highly for stock feed. Thousands of farmers in the West and Northwest are now raising Speltz for feeding their horses, cattle and other stock. Price per lb. 35c postpaid, 3 lbs. \$1.00 postpaid, peck (10 lbs.) \$2.50, bushel (40 lbs.) \$4.00. Cotton bags 40c each.

GROW MORE BEANS, WHEAT AND OATS

Prof. Zavitz says: "A great many people will drop Bean production this year because they had a poor yield last year. I would emphasize more than ever the growing of Beans, and I would give more attention to the little White Beans, the common pea beans, using about three pecks per acre."

Note—Grow the White Wonder, the best Pea Bean in cultivation.

An increase in Spring Wheat acreage from 144,305 acres in 1916 to 182,957 in 1917 was noted. Conditions suggested a further large increase in Spring Wheat this year. The Marquis met the demand better than did any other.

Banner Oats the most extensively grown, had decreased in favor, while the O.A.C. No. 72 Oat, had increased. The latter had grown from one first prize in 1913 to 71 in 1916. O.A.C. No. 3 Oat had given 43 bushels average this year.

JAPANESE BUCKWHEAT

The Best Variety—Very Early. Yields Double that of Other Sorts. Makes the Finest Buckwheat Flour. Grown from Imported Seed.

Since we introduced the Japanese Buckwheat nearly twenty years ago, the tendency, on account of the hot, dry summers the past few years has been for the grain to gradually grow smaller. The seed we offer is grown from the largest type imported from Japan, and is much larger in grain than that usually offered, and it will pay all growers to renew their seed. The seed we offer is only one year removed from imported Japanese seed. This variety is now more generally grown than any other, but to those to whom it still may be unknown, we would say that the kernels are at least twice the size of any other variety and of a shape peculiar and distinct from all others. The color of the kernels is also more distinct, being of a rich, dark shade of brown. It ripens fully a week earlier than the Silver Hull, the straw is heavier, and it branches more and does not need to be sown so thickly as other kinds. There is always a good market for the grain, as it is in demand for all purposes, the export demand now being enormous. For bees it is of the greatest value, and for this purpose has displaced all other varieties. Lb. 35c, postpaid; 5 lbs. \$1.50 postpaid; bushel \$3.50. Cotton bags 40c.

SILVER HULL—Continues longer in bloom than any other variety. Lb. 25c, postpaid, bushel \$3.00. Cotton bags 40c each.

COMMON GRAY—Per bushel \$2.50. Cotton bags 40c each.

These prices are liable to change. Please write for prices when ready to buy.



FIELD PEAS

BLUE PRUSSIAN—One of the earliest and at the same time the heaviest yielding and best strawed varieties grown. The peas are usually plump and very heavy, weighing on an average about 62 lbs. to the measured bushel. One of the best varieties for mixing with oats for green feed. Bushel \$7.00.

CANADIAN BEAUTY—An entirely new White Field Pea; grain large; bright, clear color; of the white marrowfat type. The straw is of coarse but fine quality. Bushel \$7.50.

Also such well-known varieties as Egyptian Mummy, Golden Vine, Prince Albert's Multipliers, Black and White Marrowfats. Prices on application.

SPRING RYE

SPRING RYE—Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in very many sections in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye standing stiff seven to eight feet high. Produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels to the acre should be sown. Peck 85c, bushel \$4.00. Cotton bags 40c.



WHITE WONDER MILLET

A Russian soldier, serving in the Russo-Japanese War, discovered this wonderful millet in China. He put a little of the seed in his knap-sack and when the war was over he came to the United States bringing his precious packet of seed with him.

White Wonder Millet has been raised in western Kansas for several years and it is just as hardy and vigorous as other millets.

The most striking feature of White Wonder Millet is the size of the heads. This illustration shows the exact size of one of the heads and many will be even larger than this one. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as heavy as that of millet. White Wonder Millet will outyield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than Golden Millet, quite as early as the Siberian variety.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very readily.

We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leave the ground clean, White Wonder Millet will soon take first place among the millets. Lb. 35c, 5 lb. \$1.50, postpaid. By freight or express, peck \$1.25, bushel \$4.50. Cotton bags 40c each.

JAPANESE—The Crus Galli straw chopped, crushed, moistened and sprinkled with meal is readily eaten by cattle and horses. For green fodder sow at the rate of 12 to 15 lbs. per acre. We have raised it on our farm for both Hay and fodder purposes with very satisfactory results. The leaves are larger than those of either Hungarian or Golden and the crop very much heavier. Either as a hay product or as a source of abundant green fodder, this millet is a great acquisition to the agriculture of the country. When thinly seeded in drills, grows from six to seven feet in height. Lb. 30c, 5 lbs. \$1.25, postpaid. By express or freight at purchaser's expense. 10 lbs. \$1.00, 50 lbs. or more at 8c per lb. Cotton bags 40c each.

SIBERIAN OR RUSSIAN—Makes a rank growth of the grandest fodder imaginable, and for hay or seed it cannot be equalled. It is, without doubt, the most remarkable millet ever put on the market in the history of the seed business. The New Siberian will not bear sowing thickly, the seed being small; and it beats anything to stool you ever saw. If your land is clean, one-half peck per acre is an abundance. Lb. 25c, 5 lbs. \$1.00, postpaid, peck 75c, bushel \$2.50, by express or freight at purchaser's expense. Cotton bags 40c each.

HOG OR BROOM CORN MILLET—This is grown for the same purpose for which other Millets are sown. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry and young chicks. It will mature in about two months from sowing the seed. Fancy re-cleaned, Peck 85c, bushel \$3.00. Bags 40c each.

GOLDEN WONDER—As a special crop, when the hay yield promises to be short from drought or other cause, is now one of the most popular forage grasses as a substitute for hay. May be sown after hay is cut and will mature the same season. Lb. 25c, 5 lbs. \$1.00, postpaid, bushel \$3.25. Bags 40c each.

SALZER'S DAKOTA—This is an excellent variety; a very strong grower, producing a large amount of foliage. Grows to a good height; stands up well; yielding 5 to 8 tons to the acre. Lb. 20c, postpaid, bushel \$2.50. Bags 40c each.

ONTARIO AGRICULTURE COLLEGE, BEST GRAIN MIXTURE

One of the most searching investigations carried out in connection with grain production has been for the purpose of discovering the best sort of combination for mixed grain. The result shows that a bushel each of barley and oats is the proper proportion, with O. A. C. No. 3 Oats and O. A. C. No. 21 Barley forming the combination.

Try the WHITE WONDER MILLET this year. It's the most wonderful Millet in the World.

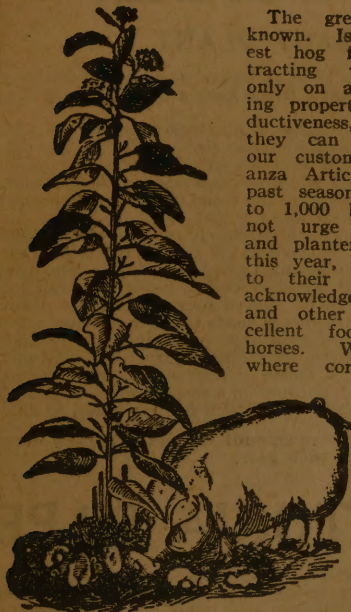
BIG TOM PUMPKIN

This variety of Pumpkins we obtain from a large canner in Ohio, who prefers them to all others. He has for years been improving the strain by careful systematic selection, until, he says, they have reached a degree of perfection for large size, thick meat and heavy weight unequalled by any others. He also says, "More tons of pumpkins can be grown per acre of the Big Tom, whether with corn or by themselves, than any other variety."

Skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For table use and stock feeding, no more profitable or better variety can be grown. In comparison with the Connecticut Field, which is the standard field variety, it will produce twice as many pumpkins to the acre, and each individual pumpkin will weigh half as much again. Pkt. 5c, oz. 15c, 2 ozs. 25c, $\frac{1}{4}$ lb. 45c, lb. \$1.50, postpaid.



The Great Bonanza Artichoke



The greatest hog and stock food known. Is without question the greatest hog fattener in the world, attracting widespread attention, not only on account of its great fattening properties, but its enormous productiveness, and the ease with which they can be grown. Thousands of our customers who have given Bonanza Artichokes a thorough trial the past season report yields of from 600 to 1,000 bushels per acre. We can not urge too strongly every farmer and planter to grow an acre or more this year, because we know it will be to their advantage. They are an acknowledged preventive of cholera and other hog diseases, also an excellent food for cattle, sheep and horses. Well adapted to any soil where corn and potatoes can be grown. Three bushels will seed an acre. In planting, cut the same as potatoes, one eye to cut being sufficient. Rows three feet apart and the seed one to two feet apart in rows. Cover two inches deep. When they are ripe you can dig and store same as potatoes, but as they are not insured by freezing, the better way is to plant them where you can allow them to remain and turn the hogs in on them, and they will help themselves by rooting. Not only will they grow fat, but they will build up large, healthy frames, with plenty of bone and muscle, only requiring corn a short time in the finishing process. One acre will keep from 20 to 30 head in fine condition from October until April except when the ground is frozen too hard for them to root. Strong tubers. Lb. 35c, 3 lbs. \$1.00 postpaid; peck 75c, bushel \$2.50, 3 bushels (enough to plant one acre) \$6.50. Bags 15c. One peck or more purchaser must pay express or freight charges.

You do the planting—the hogs do the harvesting—that's all help themselves by rooting. Not only will they grow fat, but they will build up large, healthy frames, with plenty of bone and muscle, only requiring corn a short time in the finishing process. One acre will keep from 20 to 30 head in fine condition from October until April except when the ground is frozen too hard for them to root. Strong tubers. Lb. 35c, 3 lbs. \$1.00 postpaid; peck 75c, bushel \$2.50, 3 bushels (enough to plant one acre) \$6.50. Bags 15c. One peck or more purchaser must pay express or freight charges.

The Mammoth Russian

THE GIANT OF ALL SUNFLOWERS

Poultry lay more eggs if fed the seed—Horses do more work with less fatigue—Cattle, Sheep and swine fatten thereon—The oil burns well—20 barrels can be made per acre—The leaves make splendid fodder—The stalks make grand fuel—Absolutely no waste to the Sunflower.

PRODUCES 70 TO 100 BUSHELS SEED TO THE ACRE

Growing to double the size of the common sunflower, and the yield of seed is twice as great. 125 bushels have been grown at a less expense than corn. Highly recommended for poultry—the best egg-producing food known. This makes a splendid fodder, much relished by all kinds of stock. The seed is good feed for horses and yields a fine quality of oil. The strong thick stalks are used for fuel; in fact, there is no waste in its production. Oz. 5c, $\frac{1}{4}$ lb. 15c, lb. 35c, postpaid.



WHY EVERY FARMER SHOULD GROW SUNFLOWERS.

In a recent publication of an Eastern Agricultural monthly, the following appears:

"About four miles from this place lives a German farmer, who each year devotes one acre to the cultivation of Sunflowers. He says one acre yields 75 to 100 bushels of seed, which he uses as feed for his chickens, and which horses and cows relish when mixed with grain.

He also uses the feed to manufacture an oil or linament, which, he says, will cure a scratch, bruise or callous sore on man or beast. To prepare this oil he simply crushes the seed, securing a thick, gummy oil, to which he adds a quantity of turpentine. After his harvest of the seeds, he houses the stalks and uses them as fuel in the winter. The Sunflower is a very thrifty plant, and should be more generally grown, as it will flourish in any climate. It grows riotously everywhere in Canada."

TRY SUGAR BEETS THIS YEAR—THEY ARE SUPERIOR TO MANGELS FOR FEEDING

THOUSAND-HEADED KALE

"THE ORIGINAL AND THE BEST VARIETY."

PROFITABLE TO SHEEP RAISERS—TWO ACRES WILL FEED
AND FATTEN FIFTY SHEEP

It is enormously, wonderfully, marvelously prolific. Just the thing for sheep, for cattle, for hogs, for poultry, in fact, for any animal that will eat green feed. It is some years ago since public attention was especially directed at the London, England, Farmer's Club to the great value of this plant, since which time the cultivation has very largely increased. It is impossible to over-value this variety as a crop for sheep, and it will do well on any land that has been fairly prepared. The plants average from two and a half to three feet in height, the stem being thickly studded with side-shoots, forming various sized heads, and producing an extraordinary quantity of valuable green food. The best way is to plant it with a garden drill, dropping the seeds about 8 inches apart. One pound in this way will be sufficient for an acre. You will be astonished and delighted at the great amount of good food an acre of Thousand-Headed Kale will bring. Oz. 5c, $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 65c lb. \$1.75, postpaid.



100,000 POUNDS PER ACRE—W. S. Coe, one of the largest sheep growers in England, has this remarkable testimony for Thousand-Headed Kale: "I plant annually 100 acres of Thousand-Headed Kale for sheep. I have repeatedly estimated a yield of 100,000 pounds of green feed per annum from one acre of Thousand-Headed Kale. Sheep will eat the plant apparently clean, when a week afterwards it is again in full glory, and sheep can be turned on, and this can be repeated time and time again. I could not fatten half the number of sheep that I do without having Thousand-Headed Kale. I am probably one of the largest growers of mutton in the Kingdom, and couldn't get along without Dwarf Victoria Rape and Thousand-Headed Kale; in fact, I would have to go out of the business, as I could not raise sheep without these two magnificent plants."



This is the variety of Rape sold by Seedsmen in this country, and is highly recommended by agriculturists, both in Europe and America, but it is always behind in yield, in bushy, leafy quality

MAND'S WONDER

A NEW FORAGE PLANT

■ Grows 12 to 14 feet high. Heads 12 to 20 inches long. Excellent either green or dry. Looks like Giant Timothy. If you keep a Cow, Horse or Hog, you should grow this.

■ A wonderful forage plant of great value to all stock farmers. It is unequalled, if equalled, for its quick growth, immense size and splendid quality. The seed is small, about one-eighth the size of a grain of wheat; it should be planted about the first of June, and will grow and stool or tiller out surprisingly fast. Its growth is truly luxuriant, the broad foliage resembles corn leaves, and if allowed to develop will attain a height of 12 to 14 feet, and bears cylindrical heads from 12 to 20 inches long, closely set with thousands of tiny seeds, which are greatly relished by poultry. A crop of this when nearing maturity looks like a field of giant timothy 12 to 15 feet high. The usual way of growing it, however, is to mow the crop when 3 to six feet high, and it will immediately start again and can be mowed four to six times during the season. If allowed to grow until the flower heads begin to develop before cutting it will yield the heaviest harvest crop of any fodder plant we know of. Sow seed very thinly in drills 24 to 36 inches apart. Every farmer, and, in fact, everyone who keeps a cow, horse or hogs should try it if they wish to grow an immense crop of fodder cheaply on a small amount of ground. Pkt. 5c, Oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c, 2 lbs. (sufficient for one acre), \$1.20.

Note—Mand's Wonder must not be sown until the land is quite warm and as it is an annual must be sown each year.

DWARF VICTORIA RAPE

CULTURE OF RAPE—This plant may be grown successfully in the following ways, viz.: 1. In the early spring to provide pasture for sheep and swine. 2. In June or July on well-prepared land to provide pasture for sheep. 3. Along with grain, using 2 lbs. of seed per acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture for sheep, and get a "catch" of clover. 5. Along with corn drilled in broadcast to provide pasture for sheep. 6. In corn, sowing the seed with the last cultivation given to the corn. 7. Along with rye sown in August in sheep pasture. When rape is sown broadcast, 5 lbs. of seed per acre will suffice. When sown in rows, say 30 inches apart, and cultivated from 1 to 2 lbs will be enough. It is now being sown from the Atlantic to the Pacific. The day is not far distant when it will be grown extensively as a pasture for swine all over Canada. Millions of sheep and lambs will be fattened on it. lb. 35c, postpaid; by express or freight 10 to 20 lbs. 25c; 25 lbs. or over at 22c lb.]

DWARF ESSEX RAPE

and in vigor of growth and hardiness to our splendid—yes, wonderful—Dwarf Victoria Rape. Furnished at the following prices: Lb. 30c, postpaid; by express or freight 10 to 20 lbs. at 20c lb.; 25 lbs. or over at 18c. Cotton bags for Rape in quantity, 40c each.

KAFFIR CORN



Kaffir Corn—The Greatest Drought Resister

Droughts cannot touch this, at least that is our experience. It snaps its finger at dryness; it mocks the hot, withering sun, it is there to grow, rain or shine. It grows and grows, and it matters not whether it rains or whether the sun is hot or not. Will you try it for 1918. Sow in rows 3 feet apart, planting about 6 inches in the row, using from 6 to 15 lbs. of seed per acre. If the land is warm, rich and deep, you can plant more if you wish a heavy, a very heavy, growth. It is one of those cheap things and at the same time good things that no farmer on earth ought to be without. It is enormously productive; does so well everywhere that if you have hogs or sheep, if you are proud of your horses or your cattle, then plant a few acres. We have placed the price on Kaffir Corn very low in order to induce you, Mr. Farmer, to give a thorough trial for 1918. Sow in rows 3 feet apart to give it a thorough trial. Price, pkt. 5c, lb. 35c, 3 lbs. \$1.00, postpaid. By express or freight, 15 lbs. \$3.00, 50 to 100 lbs. \$12.00 per 100 lbs. Cotton Bags 40c each.

White Wonder Bean



White Wonder Bean—the best Pea Bean in cultivation

1,000 Beans to One Vine—40 to 60 bushels to the Acre—Excellent for Cooking and Baking—No Other Beans Sell Like It.

The grandest bean for a farm crop we have ever seen. Side by side with any bean known to us, it out-yields it by fully one-third to one-half, placing it as a marvellous cropper. The pods are large and filled with small-sized pure white beans. Extremely early and sells just at the time when beans are high. We consider it absolutely the finest, largest yielding, best selling field bean known. Excellent for cooking and baking. Habit dwarf, very bushy and wonderfully full

of pods. Just figure the profit on an acre yielding 40 to 60 bushels. If you don't grow for market, get a pound or two of the best beans for house use during the winter. It's the yield; nothing like it. No bean approaches it in yield quality and readiness to find sale in the market. That's the universal verdict. It's a healthy and quick seller in all markets. Pkt. 5c, ¼ lb. 15c., lb. 45c, postpaid. By express or freight at purchaser's expense, peck \$5.00, bushel \$16.00. Cotton bags 40c each.

Sorghum or Sugar Cane

FOR HAY OR FODDER

Only within the last few years has the great value of Sorghum, or Sugar Cane, for hay and fodder become known. It is now rapidly coming into favor. A good authority says it will produce six times the weight of corn fodder per acre, and as it contains a much larger amount of sugar, it is more valuable. If sown thick it can be cut and cured like hay and will produce a very heavy yield of fine material that is greatly relished by cows, sheep and even horses. If sown thin in drills and cultivated once or twice, it will produce a large amount of seed which is as valuable as corn for feeding, and also a heavy yield of fodder which is much finer and more readily eaten by stock than corn fodder. The seed should be sown about the time corn is planted. For hay it can either be sown broadcast and covered with a disc-harrow or drilled in with a grain drill, which is the better way. It can be easily harvested by cutting it with an ordinary grain binder.



AS A PASTURE AND FODDER PLANT is extremely profitable for this purpose, as the cane can be cut and partly cured, and in this way will yield 40 to 50 tons of magnificent fodder to the acre. For fodder, cut as soon as the blossoms come out on the head. Leave two or three days on the ground then put in shocks of about one load each. It can be cut repeatedly, and springs up repeatedly again. As a food supply it seems to be magnificent. Cattle and swine eat it with great relish. Treat in feeding like clover.

CULTURE OF SORGHUM CANE—About 30 pounds of seed is required per acre. Use a wheat drill set to a bushel, stopping every other hole. When plants are about 8 inches high, harrow them with a two horse harrow. When about 2½ feet high the first crop can be cut if desired for green fodder. They will spring up quickly. If thought desirable to sow in drills, 30 inches apart, and cultivate same as corn, 5 lbs. will be sufficient. If in hills, same distance each way as above, 3 pounds of seed is ample.

PRICE—Lb. 35c, postpaid, 3 lbs. \$1.00 postpaid. By express or freight, 10 lbs. \$2.00, 30 lbs. (sufficient to sow one acre broadcast \$5.00, 100 lbs. \$15.00. Cotton bags, 40c each.

Wild Rice

ZIZANIA AQUATICA—A native of our northern district. Valuable as a forage plant for swamps and inundated lands. Stock of all descriptions are fond of it when green, and also when cured for fodder. It is also valuable to the sportsman as a bait for wild fowl. It sows itself in the fall, about the middle of September, lies dormant all winter, in spring commences to sprout as soon as the weather gets warm, reaching the surface during the first half of June. It grows very rapidly in from one to eight feet of water, ripens late in August or early in September. Put the rice in coarse linen bags, sink the bags in water over night to soak the rice, then take it and scatter it on the water that is from six inches to five feet deep, soft mud bottom or low marshy places where it is covered with water the year round. Prices variable. Lb. 50c, postpaid, or by express or freight at purchaser's expense, 35c lb. in 10 lb. lots.

Permanent Pasture and other GRASS SEEDS

SUDAN GRASS IN FULL HEAD, AUG. 27,—7½ FT. HIGH.



YIELD OF HAY 4 TO 6 TONS TO AN ACRE

SUDAN GRASS

that Sudan Grass will be of the greatest value.

Sudan Grass is strictly an annual, and dies each year like Millet, and must be seeded again each spring. This makes it fit admirably into any system of rotation, and while it does not benefit the soil like legumes it does afford a change in crop, and this is a good thing for the soil. Sudan Grass is tall, reaching in height seven to nine feet. The stems are very small and are rarely thicker than a lead pencil. The plant stools wonderfully and produces under favorable conditions, as many as 100 stalks from a single root.

It is the hay crop, however, which will be of far greater importance. Sudan Grass yields a good crop of first-class hay. All stock relish the hay and thrive on it. The quality of Sudan Grass is much superior to Millet hay, and is said to be equal to Timothy hay. Yields of from 4 to 6 tons per acre are common.

SEEDING.—Sudan Grass should not be sown until soil has become warm in the Spring. Planting in cold soil only delays germination and dwarfs the early growth. It can be sown any time during the Summer as a catch crop so long as 70 to 80 days intervene before the date of the first expected frost. Sudan Grass can be sown in rows 18 to 42 inches apart and cultivated like corn, or it can be drilled in with a grain drill or sown broadcast by hand. The rows should be as close together as the tools available for cultivation will permit. Seeded in rows 36 to 42 inches apart, 2 to 3 pounds per acre of seed are sufficient. In rows 18 to 24 inches apart 4 to 6 pounds, and drilled or broadcast 16 to 24 pounds per acre are required.

Harvesting.—Sudan Grass is easy to cut with a mower and cures readily, so that the haying process is much the same as that of millet or any other hay grass. When cut for hay it is best to cut just after full bloom, so that it will have as much time as possible for a second growth. After cutting, it renews its growth promptly when conditions are favorable, and in about 40 to 50 days another cutting is ready. The Grass stools abundantly after first cutting and the second and third cuttings are very fine stemmed. Ordinarily two or three cuttings may be expected.

Summing it all up Sudan Grass is a hay crop, which seems to be especially adapted to dry soils. There is always a big demand for hay, and it is hard to estimate the value of a grass that will produce with certainty a good crop of hay.

Every Farmer should sow at least an acre or two of Sudan Grass.

Price: Lb. 65c, 2 lbs. \$1.10, POSTPAID. If larger quantity, ask for price, stating quantity. Cotton Bags for any of the following 40c, each.

TALL MEADOW OAT GRASS, also called Evergreen Grass (*Avena Elatior*)—This grass is increasing in popularity wherever it is grown. It seems to make more leafage and grazing and a larger yield of hay and to keep green longer, both during the winter and summer, than other grasses. It withstands the heat and drought of midsummer and cold of winter, starts very early in the spring and continues to give good grazing until late in the fall. For hay it can be cut twice in the season. Lb. 50c, postpaid; 10 lbs. \$4.00, 25 lbs. to 100 lbs. at \$32.00 per 100 lbs.

HUNGARIAN BROME GRASS (*Bromus Inermis*)—The Great Forage Grass of Russia—It gives a luxuriant crop, particularly on fresh, sandy loam soil. It is found that animals eat it greedily, whether green or dry, so that it can be used as mown or saved for winter use. Lb. 40c, postpaid; 100 lbs. \$20.00.

ITALIAN RYE GRASS—Arrives early at maturity, has a great abundance of delicious foliage of a lovely green color. Thrives easily. Sow 20 lbs. per acre. Lb. 35c, postpaid, 10 lbs. \$2.00, 100 lbs. \$13.00.

ORCHARD GRASS (*Rough Cocksfoot*)—Exceptional value on account of its earliness and its rapidity of growth. After being mown it produces a luxuriant aftermath. It is quick to recover from close cropping, five or six days being sufficient to give a "good bite." Weight 14 lbs. per bushel. Lb. 45c postpaid, 10 lbs. \$3.25, 100 lbs. \$30.00.

PERENNIAL RYE GRASS (*Lolium Perenne*)—A nutritious, permanent grass for pastures and meadows. Sow three bushels to acre; 22 lbs. to bushel. Lb. 25c postpaid 10 lbs. \$1.40, 100 lbs. \$12.00.

TIMOTHY—HERD'S GRASS OR CATS-TAIL (*Phleum Pratense*)—Well-known variety. Price variable. Ask Price.

KENTUCKY BLUE GRASS (*Poa Pretensis*)—Fancy, extra clean. This grass yields at a very early period of the season. Lb. 40c, postpaid, 10 lbs. \$2.50, 100 lbs. \$20.00.

CREeping BENT GRASS (*Agrotis Stolonifera*)—Valuable as a mixture with other pasture grasses; will thrive in moist land. Sow two bushels to the acre; 14 lbs. to the bushel. Lb. 60c postpaid, 10 lbs. \$5.00 postpaid, 100 lbs. \$45.00.

CRESTED DOG'S TAIL (*Cynosurus Cristatus*)—A grass for sheep's pasture on dry, hard soils and hills. Sow 25 pounds to the acre. Lb. 50c, 10 lbs. \$3.50, 100 lbs. \$30.00.

RED TOP GRASS (*Agrotis Vulgaris*)—Re-cleaned, valuable for pasture as a mixture in meadows and pastures. Sow two bushels to acre, 14 lbs. to bushel. Lb. 40c, 10 lbs. \$2.50.

CANADIAN BLUE GRASS (*Poa Compressa*)—Differs from Kentucky variety in its flattened wiry stems. Its creeping root stalks form a fine turf. It thrives well on dry and poor soils. Lb. 25c postpaid, 10 lbs. \$1.50, 100 lbs. \$12.00.

SHEEP'S FESCUE (*Festuca Ovina*)—Not over six inches in height; it has a fine, sweet foliage well adapted to the masticating organs of sheep, but totally unfit for hay. An excellent grass for lawns requiring little mowing. Lb. 40c postpaid, 10 lbs. \$3.50.

RED MEADOW FESCUE (*Festuca Rubra*)—An excellent variety suitable for lawns exclusively on account of its creeping nature, requiring little mowing and forming so thick a turf as to suffer few intruding plants. Per lb. 65c postpaid, 10 lbs. \$4.00.

Re-Cleaned Clover SEED

ALFALFA CLOVER

The Department of Agriculture says: In addition to the hay crop, alfalfa at two years adds \$100 to the value of every acre on which it grows.

There is no place in which alfalfa cannot be successfully grown.

Alfalfa produces from 3 to 7 tons to the acre.

It has as much protein as wheat bran.

360 stalks have been grown from one seed.

It does not exhaust the soil; it enriches the soil.

It can be ground into meal to feed hogs and chickens.

It will grow 3 to 5 crops a year.

Alfalfa in money value is worth 45 per cent more than other clovers and 60

per cent more than timothy.

Ten milch cows can be fed on less than two acres by soiling.

One acre will pasture 20 hogs for 6 months.

Three pounds a day makes full feed for fattening lambs.

Four to five pounds makes full feed for fattening aged sheep.

Thirty-five pounds makes full feed for fattening steers.

A lamb will winter and thrive on three pounds a day.

Sheep fed on Alfalfa will gain eight to fifteen pounds in 75 days, and will double with small grain ration added.

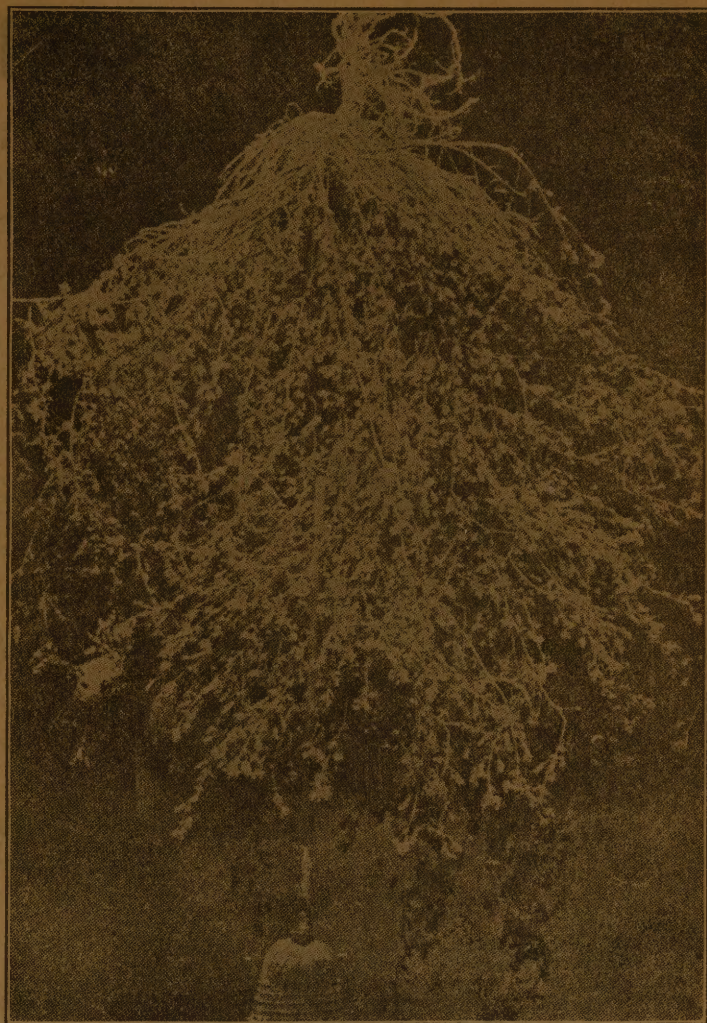
Lambs wintered on Alfalfa will produce one to two pounds more of wool than when on the ranch.

Alfalfa is a fine poultry feed when cut fine, and this is also a good way to feed it to hogs in the winter.

Fed to dairy cows, Alfalfa maintains the flow of milk equal to June grass for nearly a whole year. It can be chopped fine with corn meal. Such a mixture is worth more a pound than the original corn meal. Many interesting facts in addition to the above might be cited about Alfalfa. It would hardly be possible to say too much about Alfalfa. It is a working plant which is changing the destiny of many farming sections.

Its long branching roots penetrate far down, push and crowd the earth this way and that, and thus constitute a gigantic subsoiler. These become an immense magazine of fertility. As soon as cut they begin to decay and liberate the vast reservoir of fertilizing matter below the plow to be drawn upon by other crops for years to come.

Canadian Grown, Turkistan, Northern Minnesota Northern Dakota—See our Farmers' Price List for present prices, or prices quoted when ready to purchase.



SWEET CLOVER---ALFALFA'S TWIN SISTER

WHITE BLOSSOM OR BOKHARA (Melilotus Alba)—Sweet clover is grown for bees, for hay, for green forage; for its value as a pasture plant and as a soil fertilizer and restorer. It gives promise of becoming a rival of alfalfa on many soils. Its real value is beginning to be appreciated.

It is a biennial plant and bears close resemblance to alfalfa, but it is larger and coarser in growth. It will grow on soils in which alfalfa cannot thrive and will make excellent growth on lands so hard and barren that they will sustain scarcely any other vegetation. It is the first plant to grow in the spring and furnishes an abundance of succulent pasturage equal in quality and value with alfalfa.

Cattle fed upon sweet clover will not bloat.

When grown for hay, one crop, and sometimes two, may be cut the first season. The second year two or three crops may be cut. It should be moved just before it commences to blossom and before the stems become hard and woody. As it is tall growing and stools very freely, the yield of green forage is tremendous.

Sweet clover is a biennial; that is, it lives but two years. At the end of the second season the tops and roots die. If the plants are not allowed to go to seed, its growth may be easily controlled. The root growth is very large and fleshy. When the plants die they add to the soil immense quantities of nitrogen and humus. Restoring old worn-out lands to crop-producing ability.

Sweet Clover has the same bacteria as alfalfa, and thus will prepare the way for that valuable crop. If a permanent sweet clover field is desired, the second crop may be allowed to go to seed, and there will be a splendid stand the following year.

We recommend the cultivation of sweet clover for pasture, for hay and for renewing worn-out lands. If handled properly it will well reward the grower. We suggest that you do not let it go to seed. It can be controlled at all times. **Lb. 50c, postpaid. By Express or freight, 10 lbs. \$3.50, bushel \$20.00. Bags 40c each.**

CRIMSON OR SCARLET (Trifolium Incarnatum)—Crimson clover is an annual, and when ripe to cut for hay or seed it never starts again. Sow in April or May. It is a very rank grower, some stools counting as many as 120 to 140 blossoms from one seed. It will grow and make a heavy crop of hay or seed on land so poor that the common clover would do but little. The quantity of seed to sow per acre is 10 to 15 lbs. **Lb. 35c, postpaid, 10 lbs. \$2.25, bushel, \$11.00.**

ALSIKE AND SWEDISH—Very hardy and yields abundantly on rich, moist soils; also excellent for pasture. **Lb. 50c, postpaid.**

WHITE DUTCH—Highly esteemed for permanent pastures and lawns. **Lb. 75c, postpaid.**

MEDIUM RED—Too well known to need any description. Prices variable.



Hand Broadcast Seed Sower

THE LITTLE GIANT

The Best in the Market—As can be seen by the illustration, it is simple in construction, light, strong and durable, and has a pressed tin distributing wheel, something found in no other seed sower. No feed-plate to carry, and weighing but three pounds complete. The agitator or force-feed in the Little Giant does not require seed to be cleaned, and will sow orchard or blue grass.

It will distribute all kinds of Fertilizer, land, plaster and ashes.

IT RECOMMENDS ITSELF ON SIGHT—Price, geared, \$2.00, postpaid \$2.60.

These can be sent by express or freight with other goods.

PLANET JR. GARDEN TOOLS.

You can't afford to cultivate in the old slow back-breaking way. The Planet Jr. way takes the drudgery out of labor, and produces bigger, better crops. Planet Jrs. are the greatest time-savers ever invented for farm or garden; and the most economical cultivating tools you can use.

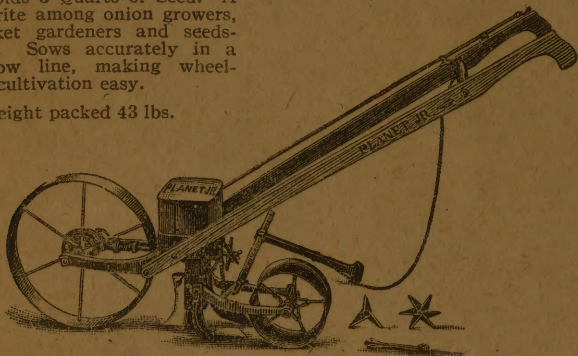
Planet Jr. tools are the product of a practical farmer's inventive genius and manufacturing experience of half a century. Last a lifetime. Fully guaranteed.

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$18.75

Holds 3 Quarts of Seed. A favorite among onion growers, market gardeners and seedsmen. Sows accurately in a narrow line, making wheel-hoe cultivation easy.

Weight packed 43 lbs.



No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, Complete, \$19.75



Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

No. 4 D Hill and Drill Seeder.

Same as above less the cultivating attachments, \$15.75.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

Price, \$23.25



A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe.

As a seeder it is practically the same as the Planet Jr. No. 4; will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart, and has the same feed, hill dropping mechanism, and automatic device for stopping the feed, and has also the new seed index.

The change from Drill to Wheel Hoe and back again is quickly made, and the entire combination is one we can heartily recommend and guarantee satisfactory.

No. 11 Planet Jr. Double Wheel Hoe Cultivator, Plow and Rake

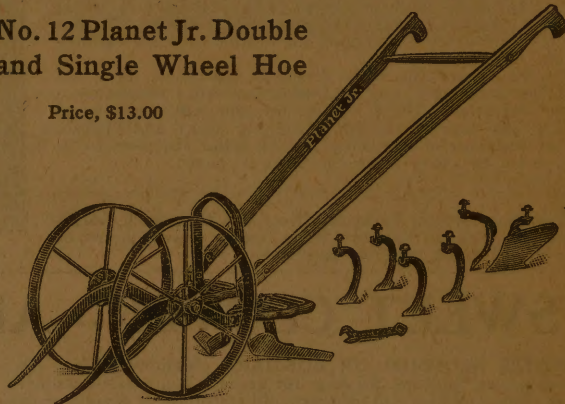
Price, \$16.50

A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.



No. 12 Planet Jr. Double and Single Wheel Hoe

Price, \$13.00



This tool is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pairs cultivator teeth and a pair of leaf lifters only, and is sold at a correspondingly less price. The tools sold with No. 12 are what gardeners use most, and the others can be added as wanted.

No. 13 Double Wheel Hoe

Price, \$9.25



This tool is the No. 11, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 11 may be added at any time.

PLANET JR. GARDEN TOOLS

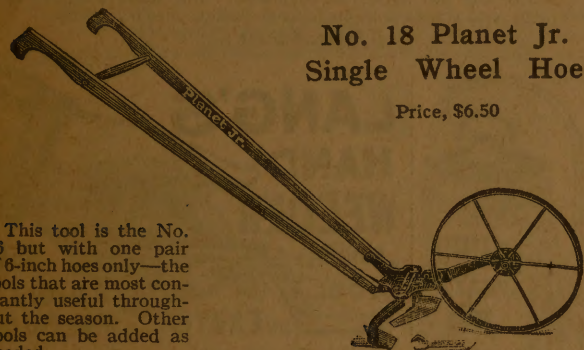


No. 17 Planet Jr.
Single Wheel Hoe

Price, \$9.00

Same as No. 16, but without the Rakes and Leaf Lifter. The Single Wheel Hoes have steel frames and 15-inch steel wheels.

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe.



No. 18 Planet Jr.
Single Wheel Hoe

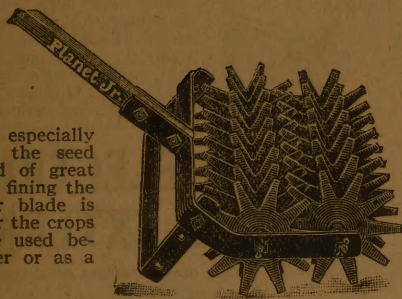
Price, \$6.50

This tool is the No. 16 but with one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. Other tools can be added as needed.

Planet Jr. Star Pulverizer, Leveler and Weeder

This new tool is especially adapted for preparing the seed bed, and will be found of great value in smoothing and fining the soil surface. The rear blade is 13½ inches wide. After the crops are started, it may be used between rows as a weeder or as a crust breaker.

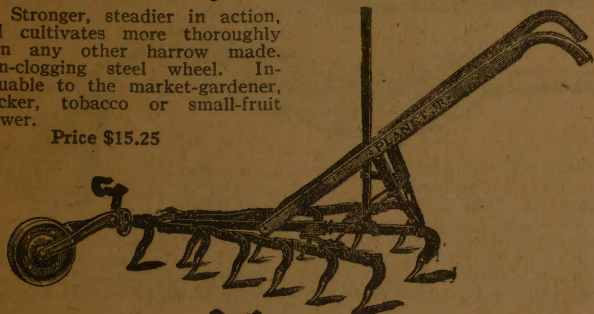
Price \$9.25



No. 91 Planet Jr. Twelve-Tooth Harrow

Stronger, steadier in action, and cultivates more thoroughly than any other harrow made. Non-clogging steel wheel. Invaluable to the market-gardener, trucker, tobacco or small-fruit grower.

Price \$15.25



Path Cleaner. 12 in. does admirable work in parks, cemeteries, etc. This also makes an excellent hoe. Price, \$3.00, postpaid, \$3.15.



Path Cleaner

Onion Harvester. 8 in. size for onions and onion sets. These make splendid weeders. Price \$2.25, postpaid, \$2.35.

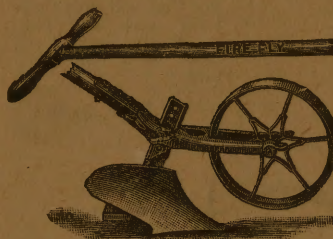
No. 60 Planet Jr. Double Wheel Onion Hoe

Price, \$7.75

This new tool is a departure from all previous Wheel Hoes. It is adjustable for the complete culture of onions, or general hoeing. The new all-steel hoes are a decided improvement over the older models.

Onion Harvester

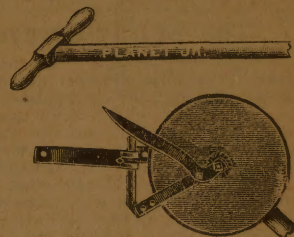
We offer a special Onion Harvester for this tool. Price, \$1.50.



Fire-Fly Garden Plow

Price, \$4.25

This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.



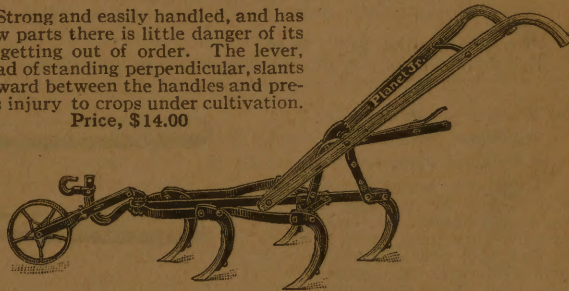
Strawberry Runner Cutter

This is a 10-inch tempered steel disc mounted on an out-rigger; it fits on either side of our 12-tooth harrow; it is adjustable to depth and sidewise, and has an adjustable leaf guard which lifts the leaves to avoid trimming them off and weakening the plants. With handle (see cut) it can be used independently of the cultiva- tor. Price, \$3.50.

No. 101 Planet Jr. Plain Cultivator

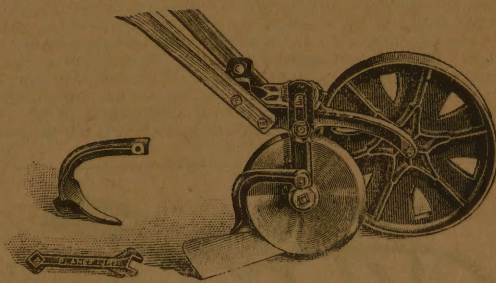
Strong and easily handled, and has so few parts there is little danger of its ever getting out of order. The lever, instead of standing perpendicular, slants backward between the handles and prevents injury to crops under cultivation.

Price, \$14.00



Planet Jr. Grass Edger

For stone or cement or gravel



Evidence of care and extreme neatness are the great secrets of attractiveness in grounds surrounding the house. The Planet Jr. Grass Edger assists wonderfully in producing attractiveness. It will edge either straight or curved work, paths, drives, open borders or flower beds, doing the work rapidly and beautifully.

Price \$9.65

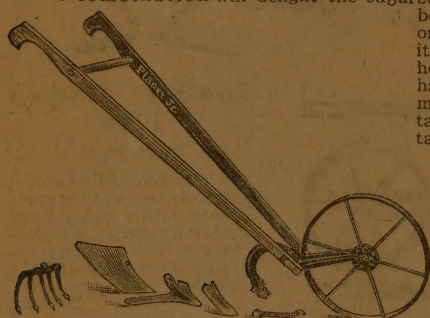
PLANET JR. GARDEN TOOLS are recognized as the Best in the World
A CATALOGUE giving more complete descriptions sent on request

No. 31 D Planet Jr. Drill Seeder**Price \$10.75**

It sows all garden seeds from the smallest up to and including peas and beans with precision, either with a full hopper (one quart) or with a smaller amount. Even a packet of seed can be sown with this tool. A special Seeder for small gardens.

**No. 19 Planet Jr. Single Wheel Hoe**

This combination will delight the suburbanite, the growing boy, women, younger or older, who will find it a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

Price, \$6.50**The Sturdy Sprayer (Compressed Air)**

A Sprayer that has many uses. It can be used for spraying fruits, flowers, vegetables, disinfectants, fly oil, whitewash, also used for cleaning buggies, and as a fire extinguisher. It is the best Sprayer of its kind on the market, one of the main features being the coupling of the pump enabling the handle to put filler cap on or to take it off to do the pumping and to carry the sprayer from place to place.

SPECIFICATIONS

PUMP—Brass tube cylinder, diameter $1\frac{1}{4}$ inch, stroke 15 inch. Top cap screws onto tank with brass coupling. Screws up tight onto special rubber packing, perfect adjustment, carrying attachment on coupling. The pump valve is of brass and rubber, simple and foolproof.

TANK—Made of best quality galvanized steel, or sheet brass, holds over 4 gallons; fill about two-thirds full. Tested up to 60 lbs. water pressure. 30 lbs. is as much as any one wants to pump.

NOZZLE—Automatic lever nozzle, non-clogging, parts all interchangeable.

Price, Galvanized Tank, \$6.50.

Full directions for use and care supplied with each Sprayer.

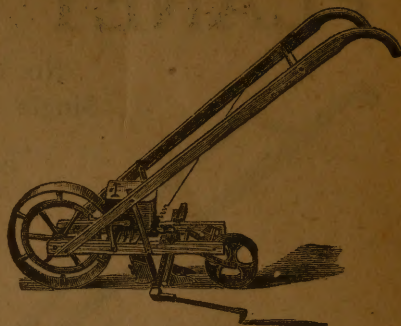
"NEW MODEL" Seed Drill

For 32 years this drill has given entire satisfaction to many thousands. Market gardeners tell us how it saves seed and saves time. Many of the first "New Model" drills are still in use.

Has exact regulation of seed discharge by using an eccentric index or indicator which adjusts the slide for the seed opening exactly where you want it. The index is in plain sight when the tool is in operation, the names of the principal seeds are shown on it—no reference table is necessary.

The flow of seed can be instantly stopped by a swinging cut-off operated by a cord and ring on the handles. Prevents loss at ends of rows.

Capacity of hopper is two quarts. Sows all kinds of seeds. The marker can be worked from either side, is held firmly in place and is easily adjustable for rows 20 inches wide. The covering wheel is attached to a swinging frame and by varying pressure on the handles the operator can roll lightly or otherwise. The main wheel is $14\frac{1}{2}$ inches high with rim that keeps it from sinking into soft earth.

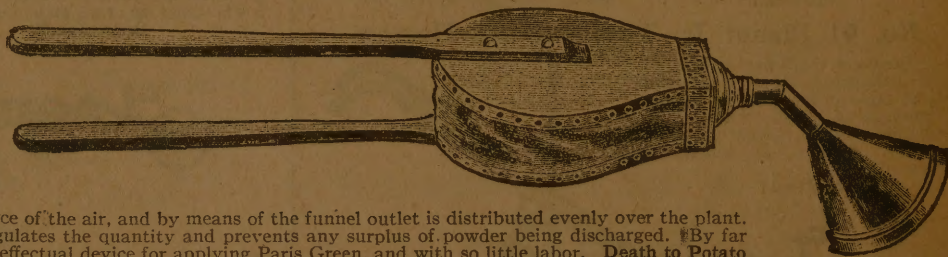
Price, \$22.00**LANG'S HAND WEEDER****HANDIEST TOOL ON EARTH.****35c****By Mail PREPAID**

This is not only a good weeder and scraper, but with its point becomes a good implement for thinning out where the plants are too thick and for lightening the soil. The Blade is solid steel, all tempered, 7-8 inch wide, and is sharp on all its edges. Capital for weeding, thinning and stirring soil among onions, carrots, strawberries, etc.

ELECTRIC INSECT EXTERMINATOR

Write us for prices on one dozen or more.

Agents Wanted

**The Wonder of the Century—**

No Water, No Flour,
No Land Plaster.

Apply one pound of pure Paris Green to an acre of potato. Will knock the potato bug stiff every time.

Put the powder in the machine through the opening in the side. Work the handles,

when the powder is discharged by the force of the air, and by means of the funnel outlet is distributed evenly over the plant. Perforated tube on inside of machine regulates the quantity and prevents any surplus of powder being discharged. By far the most economical as well as the most effectual device for applying Paris Green, and with so little labor. **Death to Potato Bugs.** Paris Green applied with the Electric will knock them stiff, all sizes and all ages, every time, and only one pound required for an acre of potato vines. This machine works to the best advantage by putting in about half a pound of powder at a time. Experience has proven that Paris Green applied in its pure, unadulterated state does not injure the vines and is far more effectual than when mixed with plaster or any other substance, and with the Electric it is done so easily. Every farmer or gardener who once tries the Electric in killing potato bugs will never be without it. The Electric is used to the best possible advantage in applying insect powders of all kinds. Each \$2.00, by express or freight, or \$2.25 by mail, postpaid.

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**"Buco" Garden Cultivator**

For Weeding, Cultivating, Potato Digging, etc.—Length of handle 4 feet 5 inches, weight 3 pounds. This new hand garden cultivator has five tines of crucible spring steel, oil tempered, which can be adjusted to desired width. They can be removed to sharpen in after years when dull, or can be replaced with new ones, if necessary. For special work one or more of the tines can be removed if desired. For preparing soil, planting, cultivating etc., there is no hand tool made which can compare with it. It takes the weeds all out by the roots, cleans out the stones, loosens the soil thoroughly, and leaves it clean and smooth. All gardeners who have used it pronounce it indispensable and a great labor saver. Price, \$1.25, by express or freight at the purchaser's expense.

We disposed of an immense quantity of these last year, and every purchaser was delighted, and many said it was worth \$5.00 to them.

Dandy Hand Force and Suction Pump



This pump is made of the very best material. It supplies a long-felt want, viz., a pump that is serviceable and one that can be sold at a price that will bring it within the reach of all. It is always ready for use and not liable to get out of order. It throws a stream thirty feet or more. In this age of insects it is invaluable for spring apple, pear, peach or plum trees, grape vines, etc., or windows. \$1.85 postpaid. By express at purchaser's expense, \$1.50. (See cut.)

The Auto-Spray No. 37



Capacity About One Quart

Continuous Sprayer—Will handle all solutions. Pump Cylinder, 12 ins. by 1½ ins. diameter; retinned by special process where it comes in contact with solution, and is non-corrosive. Plunger Rod ¼-in. copper-plated steel. Brass Ball Valve. Removable front permits the syphon tube to be withdrawn for cleaning. Screw caps are reinforced with thumb levers, easy to turn. Two spray caps, one straight, the other at an angle. Construction of tank permits the sprayer to be operated at any angle, and it will not tip over when spraying.

No. 37B—Tin pump and galvanized reservoir, by express, \$1.25; by parcel post, prepaid, \$1.50.

No. 37C—Tin pump and brass reservoir, by express, \$1.50; by parcel post, prepaid, \$1.75.

The "New Idea" Spray Pump

We do away entirely with the objectionable foot-rests, clamps, leather suction, packing, etc. This pump requires no fastening of any kind, holds itself down and works anywhere and everywhere. All the operator need do is to press the plunger down. It rises of itself, the upward stroke being made by a brass spring forcing the cylinders apart.

The all brass suction working within a brass cylinder with all brass valves, does away entirely with all leather, rubber, or other packing. It is practically impossible for any part to get out of order. Everything except handle and hose is solid brass.

Is the easiest working and will do more different kinds of work than any pump ever made. Will pump from a pail, barrel, trough, creek, spring, boat or sink. Without fastening of any kind, it stands firmly wherever placed.

Farmers with an ordinary amount of spraying put a barrel on their wagon, set this pump in the bung-hole and spray their trees as easily and effectively as their neighbor who uses an outfit weighing and costing five times as much. This weighs less than four pounds. Makes two sizes of continuous spray and two of solid streams, has automatic mixer to keep solutions stirred, pleases everybody, lasts a lifetime, and will do more different kinds of work than any pump ever made.

Price of the Pump Complete by express, \$5.85; by parcel post, postage paid, \$5.20.

English Pattern Extra Heavy Garden Tools



No. 214. Shanks riveted on blade with extra strong rivets, and by the new method. Shank and adjoining part of blade are enameled a nice blue. Blade finely polished. A very nice article.

Made only in 6-inch size, each 25c, postpaid 35c.

The Acme Insect Bellows

For use in dusting powder of any kind on plants or fowls and makes a saving of 25 per cent on insect powder. There is no more need of any waste of powder by using this bellows. It is the handiest thing out. Each 25c.



The "Kant Klog" Sprayer

On the "KANT-KLOG" nozzle, described above, the item of labor alone is three times what the ordinary nozzle can be furnished for. Hose is high grade, supported by coiled spring to prevent breaking, couplings solid brass with standard cut threads. Air pump of heavy brass tubing, two inches in diameter.

The sprayer body is made of heavy polished brass or galvanized steel, as desired. Both top and bottom are dome-shaped; joined to body under heavy pressure, making a complete double seam. When completed this body is thoroughly tested at double the pressure ordinarily used, the result being that not one in a thousand gives any of the trouble common with other constructions.

A few seconds working of the air pump charges the sprayer with compressed air, a powerful and elastic force which discharges the liquid in the form of either fine sprays or solid streams, as desired.

Each sprayer is fitted without extra charge with "KANT-KLOG" nozzle for making two round and one flat spray, two solid streams, thumb pressure, spring hose cock, carrier strap and safety valve.

Price, with galvanized steel body.....\$8 50
Price, with polished brass body.....\$12 00



"Erado" Dandelion Killer

ERADO does away with the old fashioned laborious and back-breaking method of digging up dandelions and weeds of all kinds by hand.

It makes obsolete all implements that only pull the tops off the plants. Before ERADO was introduced there was no weed-killer that absolutely killed the roots of noxious weeds as well as destroyed the tops. With this handy tool the dandelion or weed is completely killed.

An amount of weed-killing solution is dropped on the root; then by turning the tool the top of the plant is cut off. ERADO has two knives so placed that the top of a plant is cut off by only one-half turn of the tool. Weed-killers that have only one knife necessitate a complete turn that makes it necessary to change the grip on the handle of the tool because a person's wrist will not allow the implement to be turned completely around without changing the hand.

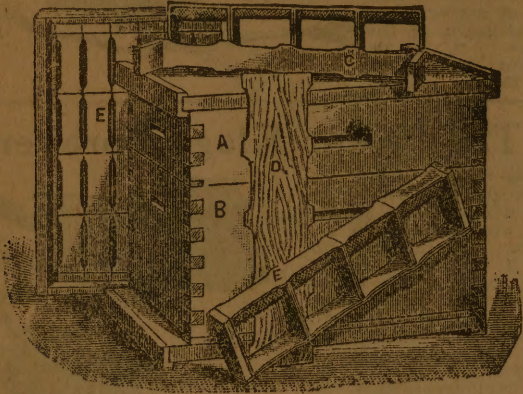
It is a simple matter to refill ERADO. Remove the handle by a half turn. The solution is then put in the tube and handle is easily replaced. ERADO is then ready for work. Push the plunger into the center of the plant. The solution is automatically allowed to run down on to the roots of the plant. Then give ERADO a quick, half turn and the top of the plant is cut off. A weed treated in this manner can never spring up again. The roots as well as the top of the plant are destroyed. Brass covered cylinder, brass top, iron handle, each \$1.50, postpaid, \$1.75.

IT KILLS
Erado
WEEDS



Bee Keepers' Supplies

LANGSTROTH HIVES—The Langstroth Frame, 17 $\frac{1}{2}$ x 9 $\frac{1}{2}$, is the standard throughout Canada. There is none superior either for comb or extracted honey. Bees sell more readily in a Langstroth hive, and, besides, it would be better if a uniform hive were used.



No. 2 Langstroth Hive

No. 1—Is a one-story hive. Price in flat, 8-framed, each \$2.50, 5 for \$10.85; 10-framed, each \$2.75, 5 for \$11.75.

No. 2—Is a one and a half story hive for comb honey. Price, in flat, 8-framed, each \$3.35, 5 for \$14.45; 10-framed, each \$3.65, 5 for \$15.70.

No. 3—Is a two-story hive for extracting. It includes a bottom board and cover, two bodies with sixteen thick top-bar Hoffman frames and two division boards. Price, in flat, 8-framed, each \$4.00, 5 for \$16.30; 10-framed, each \$4.25, 5 for \$17.85.

SUPERS—For Comb or Extracted Honey

Our Comb Honey Super is different in design from the first super sent out in a very important respect. The bees go into them more readily. In this Super, as well as in Super A and the sections as we now make them, we give bee-keepers a contrivance by means of which they secure all the advantages worth having.

Super A—For comb honey, includes super, separators, section-holders and followers. Price, in flat, 8-framed, each 90c, 5 for \$4.00; 10-framed, each \$1.00, 5 for \$4.50.

Super B—For extracting honey. It may also be used as the body of the hive. Price, in flat, 8-framed, each \$1.50, 5 for \$6.50; 10-framed, each \$1.65, 5 for \$7.00.

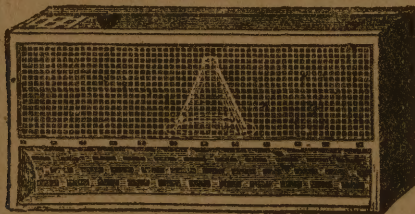
Super C—Is a shallow super for extracted honey, 5 3-8 inches in depth with a light top bar grooved for comb foundation. 8-framed, each \$1.00, 5 for \$4.25; 10-framed, each \$1.10, 5 for \$4.75.

BROOD FRAMES—Self-spacing, Hoffman, with thick top bars. Doz. 75c, 25 for \$1.35, 50 for \$2.65, 100 for \$5.25.

Shallow Extracting—Doz. 65c, 25 for \$1.25, 50 for \$2.40, 100 for \$4.75.

SECTION HONEY BOXES—Our sales of sections the past season have been very large, owing, in a large measure, to the excellence of our goods. We handle nothing but first-class. 4 $\frac{1}{2}$ x4 $\frac{1}{2}$ x1 5-8, slotted on top and bottom. Split top, 100 for \$1.25, 250 for \$2.65, 500 for \$4.50, 1,000 for \$8.25.

QUEEN OR DRONE TRAPS—The Alley—It is placed over the entrance of the hive, the queen being captured, and thus preventing a swarm from absconding. 8 framed each, 60c, postpaid 70c. 10 framed, 70c, postpaid 80c.



Alley—Queen or Drone Tray

COMB FOUNDATION

We give special attention to the manufacture of Comb Foundation in all its branches. It will be found for workmanship and material without an equal in Canada.

BROOD FOUNDATION—For Langstroth Frames, 8 sheets to pound. Per lb. 85c, 5 lbs. 83c per lb; 10 lbs. at 80c per lb. If wanted by mail, add 15c per lb.

SECTION FOUNDATION—If you use full size of section, one sheet will cut into four. The weight is 28 sheets to pound. Per lb. \$1.00, 5 lbs. at 97c per lb.; 10 lbs. at 95c per lb. If wanted by mail, add 15c per lb.

Note—Price of Foundation subject to change without notice.

We will work beeswax for customers at any time, and will furnish prices for such work on request. Parties wishing their wax worked will please state what quantity of it they have.

If you have beeswax for sale, write us, stating how much you have, and we will write, telling you how much we will pay you for it.

"PORTER" BEE ESCAPE—The bees pass out between two delicate springs, which, partially closing behind them, prevent their return. Invented in 1890; consequently it is not an untried thing, but something that has given the best satisfaction. Each 20c, doz. \$2.00, postpaid; with boards, by express or freight, each 50c.



Porter Bee Escape

PERFORATED METAL—This is used between the upper and lower stories to prevent the queens from going up above. It is also used in entrance guards, drone traps, etc. Per square foot, 35c. Sheet 20x84 inches will cut 6 excluders for the 8-framed, or 5 for 10-framed. Per sheet, \$3.50.

Note—Price of metal subject to change without notice.

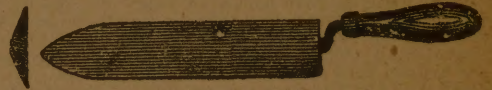
QUEEN EXCLUDERS—All metal or with wooden rim to hold metal tight and to form a bee space on the one side.

For Langstroth Hive—8-frame, unbound zinc, each 65c; 10-frame, unbound zinc, each 75c; 8-frame, wood bound zinc, each 75c; 10-frame, wood-bound zinc, each 85c.

RUBBER GLOVES—Those who are timid will find rubber gloves a great help. Ladies' size, per pair \$2.25; gentlemen's sizes, per pair \$2.50. Postage 10c per pair extra. Gentlemen's extra large size, per pair \$3.00; postage 10c.

BEE VEILS—Net with silk Brussels face (best veil), 60c.

HONEY KNIVES—Our honey knives are beautifully finished. They are ground thin and sharp on both edges. Used for multitude of purposes about the apiary. "The Beauty," fine mirror finish, each \$1.75, postpaid \$1.85.



Honey Knife

SECTION HOLDERS, Slotted—Slotted section holders are used with slotted section. 25, 90c; 100, \$3.25.

SEPARATORS, Slotted—Slotted separators are used with slotted section holders. 25 for 50c; 50, 90c; 100, \$1.75.

WIRE, Tinned—No. 30, the most suitable of any for wiring frames. An occasional customer prefers it a little finer, and once in a while it is wanted coarser. All things considered, this size is best. 3/4-lb. spool, each 25c; 1/2-lb. spool, each 35c; 1 lb. spool, each 55c; postage 12c per lb., extra.

DAZENBAKER SMOKERS—Danz Prize, 3 $\frac{1}{2}$ x7 $\frac{1}{2}$, each \$1.50, postpaid \$1.75. Danz Victor, 3 $\frac{1}{2}$ x6, each \$1.35, postpaid \$1.50.



BINGHAM SMOKER—

This is strong, well made, does not clog up, and burns any fuel. It has recently been improved by the addition of a curved spout to prevent fire dropping, and a safety attachment prevents burning the fingers in removing the hot cone for replenishing. Prices as follows: Smoke Engine, 4-inch, price \$1.75, postage 25c; Doctor, 3 $\frac{1}{2}$ -inch, price \$1.50, postage 25c; Conqueror, 3-inch, price \$1.25, postage 25c; Daisy, 2 $\frac{1}{2}$ -inch, price \$1.10, postage 25c; Little Wonder, 2-inch, price \$1.00, postage 15c.

CLARK'S COLD BLAST—

The Clark's Cold Blast Smoker has probably exceeded the sales of all the others put together. It is easily lighted with a match, and when once well going it will not go out. Each \$1.00, postpaid 20c.

HONEY EXTRACTORS—Best material, strongly made and easily operated.

No. 1 I. X. L.—Two baskets, Langstroth, size 9x18. Each \$15.00.

No. 2 I. X. L.—Two baskets, Jones, size 12x18. Each \$16.00.

No. 3 I. X. L.—Four baskets, Langstroth, size 9 $\frac{1}{2}$ x18. Each \$19.00.

No. 4 I. X. L.—Four baskets, Jones, size 12x18. Each \$21.00.

Note—The Jones, or 12x18, will also do for the Langstroth or 9 $\frac{1}{2}$ x18. Also Automatic Reversible Extractors, 4 or 6 baskets, Jones or Langstroth sizes. Prices on application.

Feeders, Honey Pails, Comb Honey Crates, Wire Imbedders, etc.

We will be pleased to quote prices on any thing else in Bee Supplies not listed on this page.

DOMINION SEEDS

• SEEDS, PLANTS, BULBS, •
• CUT FLOWERS, FLORAL DESIGNS. •
• BEE, DAIRY POULTRY •
• AND DOG SUPPLIES. •
• GARDENS & TRIAL GROUNDS •
• PIPE LINE ROAD •

LIMITED



LONDON

CANADA

• HEAD OFFICE • •
• AND RETAIL STORE • •
• 119 DUNDAS STREET •
• WHOLESALE DEPARTMENT •
• COVENT GARDEN MARKET. •

Dear Sir or Madam:-

With the opening of the New Year we have much pleasure in sending you herewith a copy of our Catalogue for 1918.

The past year was a record breaker with us, for never in the history of the business did we have so many orders to fill, for which we extend our heartiest thanks to all those who favored us.

While we provided with our usual supply, we found as the season advanced, many varieties ran short, some we secured a further supply of, others could not be obtained at any price.

This shortage was caused by so many planting a garden who never cultivated a garden before.

The season of 1918 is now opening with the shortest supply of Seeds ever known and while we have provided for a greater business in 1918, still seeds are scarce and we would urge you to decide early what you will plant and send your order to us soon as possible after you receive this catalogue.

If you do not procure your supply early you may not be able to obtain seeds for some crops.

Revise your crop plans if necessary so that you will get the most out of every acre of land and every hour of labor.

Your country needs the largest food and forage crops that you can produce and you will receive high prices for what you have to sell.

We have added this year to our large and rapidly growing business the Glen Maple Gardens and Trial Grounds including a large range of Greenhouses, where we will be growing a full supply of House & Bedding Plants, Roses, Shrubs, Perennials, etc., and where all seeds we offer will be tested for germination and purity.

This department will be under the supervision of Mr. R. V. Smith, late with R. Wallace, Garden Specialist, Colchester, England, four years at Montreal and Ex-Superintendent of London City Parks, who can render expert advice on all matters pertaining to gardening.

Inspection cordially invited.

In conclusion we would say everything depends on what we as "Soldiers of the Soil" produce this season.

In dollars and cents you will be liberally rewarded by your earnest work and thought, but better than that you will know that you are doing not only "Your bit" but "Your all".

We again thank you for your generous orders in the past and hoping we may again have the pleasure of serving you.

We remain, yours truly,

DOMINION SEEDS, LIMITED

formerly Darch & Hunter Seed Co., Limited

Dairy Butter



H. & J. SMITH

WILLOWDALE FARM

Harvey A. Co., N.B.

DAIRY BUTTER



J. B. GRAY

Hyde Park

R.R. No. 1

DAIRY BUTTER



Golden Brand

PRAIRIE ROSE FARM

MRS. EZRA SHAW

Davin,

Sask.

FRESH



Dairy Butter

This is a sample of our 1 lb. size (8 by 11) parchment paper with a few designs. When ordering state number of design wanted. Prices No. 1, 2 and 3 designs 500 \$2.00, postpaid \$2.45, 1000 \$3.50, postpaid 4.00. By express or freight at purchasers expense, 5000 \$16.25. Not less than 500 of one design printed.

Design No. 4 of which there are 4 different designs as Choice Dairy Butter with either Cow, Flag or Maple Leaf cut, Choice Dairy Butter and Dairy Butter without cut at the following prices, 100 40c., postpaid 50c., 200 75c., postpaid 90c., 500 \$1.75, postpaid \$2.15, 1000 \$3.25, postpaid \$3.75, 5000 \$15.00 by express or freight at purchasers expense.

Address all Orders to **DOMINION SEEDS, Limited**, London, Canada

¹ Extract from New Dairy Law which came into force Sept. 1st, 1914

² All Parchment Paper used on Dairy Butter which has been moulded or cut into blocks, squares or prints, must be branded "Dairy Butter" in letters not less than quarter of an inch square.

³ On conviction of a violation a penalty of not less than \$10 and not more than \$30 must be imposed by the court

On conviction of a violation a penalty of not less than \$10 and not more than \$30 must be imposed by the court
 be branded "Dairy Butter," in letters not less than diameter of an inch square.
 All Parchment Paper used on Dairy Butter which has been moulded or cut into blocks, squares or prints, must
 Extract from New Dairy Law which came into force Sept. 1st, 1914



Dairy Butter
 H. & J. SMITH
 WILLOWDALE FARM
 Harvey A. Co., N.B.



DAIRY BUTTER
 J. B. GRAY
 Hyde Park
 R.R. No. 1



DAIRY BUTTER
 Golden Brand
 PRAIRIE ROSE FARM
 MRS. EZRA SHAW
 David,



Butter Dairy
 FRESH

abandoned, no longer, behind, 20333 KOMINOW of arobro in aarobba
 signed to help, you, can, rather, this, under, COM, have
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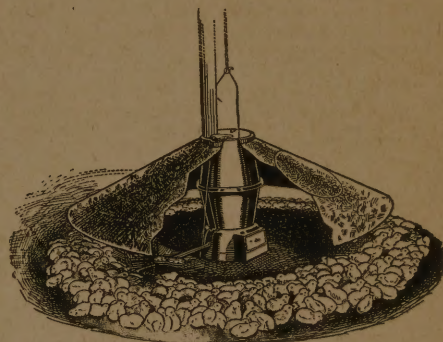


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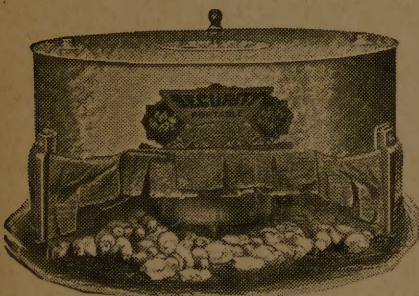
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